

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Hickory Avenue (LA 3154) Rehabilitation (River Road to 10th Street)
SOQ #24-030
Resolution No. 144734

B. Firm Name & Address:

Meyer Engineers, Ltd.
4937 Hearst Street, Suite 1B
Metairie, LA 70001



C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

Donovan P. Duffy, P.E., President (License No. 41844)
4937 Hearst Street, Suite 1B
Metairie, LA 70001
504.885.9892
dduffy@meyer-e-l.com

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

David H. Dupre, P.E., Vice President (License No. 23422)
4937 Hearst Street, Suite 1B
Metairie, LA 70001
504.885.9892
ddupre@meyer-e-l.com

E. Please provide the number of employees whose primary function corresponds with each category:

<u>2</u> Administrative	— Estimators	<u>1</u> Specification Writers
<u>5</u> Architects (Licensed)	— Geologists	— Structural Engineers
— Chemical Engineers	— Geotechnical Engineers	<u>1</u> Graduate Engineers
<u>12</u> Civil Engineers	<u>1</u> Interior Designers	— Project Managers
<u>30</u> Construction Inspectors	— Landscape Architects	<u>7</u> Clerical
— Ecologists	— Land Surveyor	— Grant/Funding Specialist
— Electrical Engineers	<u>1</u> Mechanical Engineers	— Sanitary Engineers
<u>1</u> Engineer Intern	— Environmental Engineers	
— Professional Land Surveyors		
		<u>61</u> TOTAL

F. Is this submittal by a JOINT-VENTURE? Please check: YES ___ NO X

If marked “No” skip to Section I. If marked “yes” complete Sections G-H.

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G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.

1. N/A

2.

**H. Has this JOINT-VENTURE previously worked together? Please check: N/A
YES ___ NO ___**

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. <i>Bryant Hammett & Associates 6885 US-84 Ferriday, LA 71334</i>	<i>Topographic Survey</i>	<i>Yes</i>
2. <i>The Beta Group 1428 1/2 Claire Avenue Gretna, LA 70053</i>	<i>Geotechnical Engineering</i>	<i>Yes</i>
3. <i>Urban Systems, Inc. 2000 Tulane Avenue, #200 New Orleans, LA 70112</i>	<i>Traffic Engineering</i>	<i>Yes</i>
4.		

J. Please specify the total number of support personnel that may assist in the completion of this Project:

5

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K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT

Name & Title:	David H. Dupré, P.E., Vice President
Project Assignment:	Senior Project Manager
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years' Experience with this Firm:	36
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 1984
Active Registration: Year first registered/discipline:	1989/Civil Engineering/LA License #23422



Other experience and qualifications relevant to the proposed project:

David H. Dupré has over thirty-nine years of experience in Civil and Structural Engineering, Project Management and Construction Management. He is involved with all aspects of administering engineering projects which include client contact, cost estimates, design plans and specification, construction administration, and preparation of reports. He participates in most facets of Civil Engineering design including roads, bridges, drainage, sanitary sewer, water, and environmental. He specializes in Project Management and Infrastructure Design. Mr. Dupre is the Treasurer/Secretary on the State Board American Council of Engineering Companies (ACEC). He was also the former New Orleans Chapter President. In 2016, Mr. Dupre was honored in receiving the Outstanding Civil Engineer award from the New Orleans Branch of the American Society of Civil Engineers (ASCE). Mr. Dupre is also a member of SAME, ASCE, APWA, CMAA and LES.

Bainbridge Canal Closure and Roadway Improvements | Jefferson Parish

Project Manager for designing the improvements on Bainbridge Street from Veterans Boulevard to Terminal Drive in Kenner, Louisiana. The work includes a 4 barrel 8' x 5' concrete box culvert. The work also includes a portion of relocated drainage canal, side street drainage laterals, replacement of concrete streets, utility offsets, streetlights, traffic signal replacement, sidewalks, landscaping, and extension of the left turn lane on Veterans Boulevard. Construction Cost: \$26.2M

Lime Street Drainage Improvements | Jefferson Parish

Project Manager for design, construction administration, and inspection for the Lime Street Drainage Improvements, which included upgrading the subsurface drainage system on Lime Street from West Esplanade to Veterans Boulevard. The project included installation of drainage trunk lines (30" PVC to 48" RCPA) that discharges into the West Esplanade Canal No. 2 to the north and the Veterans Boulevard Canal No. 3 to the south. The project also included the replacement of Lime Street (concrete), water line replacement and offsets (including a 30" concrete Price Brothers pipe with ductile iron pipe), sanitary sewer conflict boxes, open cut of West Esplanade and Veterans for a 48" drain line which necessitated detour plans, concrete slope paving for outfall pipes, conflict boxes, sidewalk replacement, and tree protection. Construction Cost: \$7.1M

Jefferson Highway at Bluebonnet Boulevard | Parish of East Baton Rouge

Project Manager for the design of the Jefferson Highway at Bluebonnet Boulevard Intersection project. As part of the MOVEBR Program, the project included extending the north and south bound left turn lanes and right turn lanes at Bluebonnet. Other work included drain inlet structures, driveways, and light pole relocations. Construction Cost: \$1.3M

Scenic Highway Project (Harding Boulevard to Swan Avenue) | East Baton Rouge Parish

Project Manager for the roadway and drainage design for the Scenic Highway (Harding Boulevard to Swan Avenue) Corridor Enhancement project. As part of the MOVEBR Program, the project proposes to enhance pedestrian, transit, and bicycle safety and mobility by improving the existing corridor to better accommodate the Complete Streets needs in the area. Drainage and vehicular turning movement improvements are also a priority along the corridor. Eight-foot (8') sidewalks are being added to each side of the road. Turn lanes are being improved and removed for access management. These improvements required the concrete curbs to be shifted and pavement to be widened. Crosswalks will be provided at all intersections and pedestrian countdown signals at signalized intersections are also being considered. Construction Cost: \$7M (EST)

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	Donovan P. Duffy, P.E., President
Project Assignment:	Principal-in-Charge
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years' Experience with this Firm:	8
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 2013
Active Registration: Year first registered/discipline:	2017/Civil Engineering/LA License #41844



Other experience and qualifications relevant to the proposed project:

Donovan Duffy has over twelve years of experience in Civil and Structural Engineering and Construction Management. He has extensive experience leading design and construction administration operations within a diverse range of industries and government entities. He specializes in water management and drainage design, including hydraulic impact analysis. He is also involved in many fields of civil engineering design including roads, drainage, sanitary sewer: collection, lift stations, force mains and treatment systems, water treatment and distribution networks, environmental and recreation. His experience in construction administration includes coordination with contractors and clients; organization, oversight, and record-keeping of pre-construction and construction progress meetings; shop drawing review; evaluation of change orders and pay requests; and various other construction coordination responsibilities. Mr. Duffy has designed projects in accordance with DOTD's "Roadway Design Manual", "Hydraulics Manual", "Bridge Manual", AASHTO's "Green Book", the "Louisiana Standard Specifications for Roads and Bridges", "American Concrete Institute Standards", "Recommended Standards for Wastewater Facilities (Ten States Standards)" and the "AISC Manual of Steel Construction".

11th Street Widening & Resurfacing (New Orleans Avenue to Queens Road) | Jefferson Parish
 Project Principal for the **widening and resurfacing of 11th Street** from New Orleans Avenue to Queens Road. The work consists of widening the existing roadway to 24 feet and improving the drainage system. Additional roadway improvements will include patching areas where the existing pavement has failed and milling and overlaying the existing asphalt road section. Improvements to the drainage system will include swale ditches designed to carry drainage to the side streets, catch basins to collect surface drainage and new or upgraded subsurface drain lines. The drainage system will be designed for a 10-year storm. Existing sidewalks and driveways will be removed and replaced as necessary to maintain access for business and residents. Construction Cost: \$1.5M (EST)

Holmes Boulevard Rehabilitation (Browning Lane to Behrman Highway) | Jefferson Parish
 Project Principal for the **rehabilitation of Holmes Boulevard** from Browning Lane to Behrman Highway. The work includes removing and replacing the existing two lane undivided concrete roadway and adding a six-foot continuous shoulder/bike lane on either side from Browning Lane to Behrman Highway. The existing 28' wide concrete roadway will be removed, the base will be regraded and compacted, and a new 9" concrete roadway will be installed. The 6' continuous shoulder on each side which will serve as a bike lane will be construction using 10" pervious concrete section. A 3' mountable curbed island is to be used to separate the bike lane from the automobile travel lanes. Construction Cost: \$5.8M (EST)

Jefferson Highway at Bluebonnet Boulevard | East Baton Rouge Parish
 Project Principal for the design of the Jefferson Highway Bluebonnet intersection project. As part of the MOVEBR Program, the project included **extending the north and south bound left and right turn lanes** on Bluebonnet. Other work included drain inlet structures, driveways, and light pole relocation. Construction Cost: \$1.3M

State Project No. H.011310: Ford Street Extension | East Baton Rouge Parish
 Project Principal for the **Ford Street Extension** in East Baton Rouge Parish. The design is being coordinated with DOTD in conjunction with the Parish. The project will extend 2,700' from LA 67 (Plank Road) to Howell Place Boulevard. The extension will consist of a concrete roadway with 2-11' lanes, 30' raised median, subsurface drainage, and sidewalks on both sides. Water and sewer design is also included. The plans include typical sections, plan and profile sheets, design drainage map, geometric details, pavement markings, signing layout, construction signing, and sequence of construction, temporary erosion plan, and cross sections.

US 190 @ LA 433 Intersection Improvements | St. Tammany Parish
 Project Principal for preparing a Stage 0 Study for intersection improvements which may include tying Dixie Ranch Road into this intersection. Several alternatives to the design are several roundabout layouts as well as intersection improvements. Meyer is coordinating with subconsultants, Parish Officials, stakeholders, and DOTD. Meyer is preparing conceptual drawings with critical scheduling and Auto Turn analysis, and typical sections for alternates. Meyer is also coordinating on right-of-way issues, utility relocations, and drainage analysis. Meyer will prepare a Stage 0 Preliminary Scope and Budget Checklist as well as the Stage 0 Environmental Checklist. Alternatives are being considered in an Alternative Comparative Evaluation Matrix. All results and analysis will be compiled in a report.

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	Richard C. Meyer, P.E.
Project Assignment:	Principal/Civil Engineer
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years' Experience with this Firm:	43
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 1980
Active Registration: Year first registered/discipline:	1988 /Civil Engineering/LA License #24012
	
Other experience and qualifications relevant to the proposed project:	
<p>Richard C. Meyer has provided professional consultant services to the New Orleans area for over forty-three years. His experience includes overseeing architectural/engineering design, construction management and QA/QC contracts with various agencies at the Federal, State, and local levels in the Greater New Orleans Metropolitan area. He is involved with all aspects of administering architectural/engineering projects including client contact, cost estimates, design, contract administration, and contract closeout. He coordinates the architectural/engineering staff and has participated in most of Civil Engineering design including structural, sanitary and storm sewerage, roads and bridges, water and airport designs.</p>	
<p><u>Holmes Boulevard Road and Drainage Improvements – Phases I and II Jefferson Parish</u></p> <p>Project Principal for Holmes Boulevard Road and Drainage Improvements – Phases I and II. Project limits for Phase I were from Stumpf Boulevard to Oakwood Drive. Project limits for Phase II were from Stumpf Boulevard to Bruce Avenue. <i>Pavement improvements</i> on both phases included <i>concrete road replacement</i> with associated base work and concrete curbs. Drainage improvements included 2,300' of arch drainpipe varying in size from 36" RCPA to 72" RCPA. Drainage improvements also included oversized drainage junction boxes, 30' of 4' x 8' concrete cast in place "U" channel, and an angled tie-in from the new "U" channel to an existing "U" channel. Incidental work included special drainage manholes, water line offsets, and relocation of a telephone line.</p>	
<p><u>State Project No. H.011310: Ford Street Extension East Baton Rouge Parish</u></p> <p>Project Principal for the <i>Ford Street Extension</i> in East Baton Rouge Parish. The project will extend 2,700' from LA 67 (Plank Road) to Howell Place Boulevard. The <i>extension will consist of a concrete roadway with 2-11' lanes</i>, 30' wide raised median, subsurface drainage and sidewalks on both sides. Water and sewer are also included in the design. Construction Cost: \$3.5M (EST)</p>	
<p><u>Citrus Boulevard Improvements Jefferson Parish</u></p> <p>Project Principal for the Citrus Boulevard Improvements project which consisted of pavement <i>removal and reconstruction for approximately 10,000 linear feet of Citrus Boulevard</i>. The work included removal of the existing roadway surface, installation of sand base as required, and installation of 9" thick <i>concrete pavement</i>. The work also included adjustment of the drainage, sewer and water structures that are within roadway limits, and removal and replacement of concrete driveways and concrete turnouts. Construction Cost: \$4.8M (EST)</p>	
<p><u>11th Street Widening & Resurfacing (New Orleans Avenue to Queens Road) Jefferson Parish</u></p> <p>Project Principal for the widening and resurfacing of 11th Street from New Orleans Avenue to Queens Road. The work consists of <i>widening the existing roadway</i> to 24 feet and improving the drainage system. Additional roadway improvements will include patching areas where the existing pavement has failed and milling and overlaying the existing asphalt road section. Improvements to the drainage system will include swale ditches designed to carry drainage to the side streets, catch basins to collect surface drainage and new or upgraded subsurface drain lines. The drainage system will be designed for a 10-year storm. Existing sidewalks and driveways will be removed and replaced as necessary to maintain access for business and residents. Construction Cost: \$1.5M (EST)</p>	
<p><u>State Project No. H.013850: Duplessis Road Safety Widening Ascension Parish</u></p> <p>Project Principal for the design, plan preparation and construction administration for the Duplessis Road Safety Widening. Duplessis Road is categorized as an Urban Collector Roadway that provides a connection between major LADOTD roads: Airline Highway (US Highway 61) and Old Jefferson Highway (LA Highway 73). As part of Move Ascension roadway improvement program, Meyer is tasked with designing <i>full roadway reconstruction of the 1.65-mile portion of the road to widen the road</i> from 18' wide to 26' wide (two 11' lanes and two 2' wide paved shoulders). Also included is the drainage design and layout of the new subsurface and roadside ditch sections. Construction Cost: \$5.2M (EST)</p>	

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	Ann Theriot, P.E., Civil Engineer
Project Assignment:	Civil Engineer
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years' Experience with this Firm:	34
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 1987
Active Registration: Year first registered/discipline:	1993/Civil Engineering/LA License #25155
Other experience and qualifications relevant to the proposed project:	
<p>Ann Theriot has thirty-six years of experience in the private and public sector performing hydraulic engineering analysis and design. She is familiar with flood-related requirements of USACE and FEMA, as well as state agencies such as the Louisiana State Office of Emergency Preparedness. Ms. Theriot is a member of the American Society of Civil Engineers, LA Floodplain Managers Association, and Chi Epsilon.</p> <p><u>Harahan Code Research / Plan Review Jefferson Parish</u> Project Engineer for <i>reviewing plans throughout the City of Harahan for over 10 years</i> including construction documents, studies and calculations submitted to the City of Harahan for proposed shopping centers, residential subdivisions, and public improvements in order to check for general compliance with the Harahan Subdivision Code of Ordinances. Utility systems were reviewed to determine if any infrastructure upgrades or improvements were required as a result of the development.</p> <p><u>River Ridge, Harahan, Elmwood Drainage Feasibility Study Jefferson Parish</u> Project Engineer for the Drainage Feasibility Study for the incorporated areas of River Ridge, Harahan, and Elmwood which included identifying flood prone areas, analyzing problem areas, creating computer models, recommending options to existing drainage system, recommending alternatives, and prioritizing recommended improvements.</p> <p><u>Colonial Golf Club Storm Water Management Plan Jefferson Parish</u> Project Engineer who prepared the Storm Water Management Plan with recommendations for conveying drainage flow from the riverside of Jefferson Highway within the existing drainage basin through the Colonial Country Club to the Mississippi River. Many alternatives were evaluated, two (2) included: Alternate No. 1 - Installation of a storm sewer system beneath the golf course fairways to the proposed pump station and a detention facility (pond) adjacent to the drainage pump station at the levee. Alternate No. 2 – A series of ponds to serve as detention facilities throughout the golf course. The ponds would feed the pump station. <i>Beautification and amenities</i>, such as fountains, pedestrian paths, benches, pavilions, etc. to provide additional aesthetic value to the Club grounds were also evaluated under future phases. Construction Cost: \$20M</p> <p><u>Harahan Master Assessment Jefferson Parish</u> Project Engineer who prepared the <i>Study for the City of Harahan</i> to create a Storm Water Management Program which included creation of maps identifying flood prone areas, field investigation of locations and conditions of existing culverts as potential problems, analyzing the problem areas, creating Hydraulic and Hydrologic (H&H) models, addressing the overall drainage system to the major outfalls, recommending improvements, preparing cost estimates and prioritizing improvements, and identifying funding sources.</p> <p><u>Harahan Master Drainage Plan Jefferson Parish</u> <i>Hydraulic Engineer</i> who prepared a master drainage plan for the <i>City of Harahan</i> to develop a <i>drainage basin model</i> using the EPA SWMM 5.0 program. The purpose of this project was to present a long-term master plan which would identify and prioritize needed drainage improvements in the City. Ms. Theriot identified flood prone areas, analyzed the interior drainage system, and used EPA SWMM 5.0 to model the conditions. Ms. Theriot developed recommendations and exhibits reflecting the improvements to the drainage system, and prepared master drainage plans for the Town of Jean Lafitte and Westwego.</p>	



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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	Alex Bienvenu, EI
Project Assignment:	Civil Engineer
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years' Experience with this Firm:	1
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 2021
Active Registration: Year first registered/discipline:	Engineer-in-Training #34906
	
Other experience and qualifications relevant to the proposed project:	
<p>Alex Bienvenu has one year of civil engineering experience and is proficient in various computer programs and has experience in document management for all project phases, creating and modifying drawings, and collaborating with engineers to ensure adherence to specifications and standards.</p> <p><u>Citrus Boulevard Improvements / Jefferson Parish</u></p> <p>Assisted with the design for the Citrus Boulevard Improvements project which consisted of pavement removal and reconstruction for approximately 10,000 linear feet of Citrus Boulevard. The work included removal of the existing roadway surface, installation of sand base as required, and installation of 9" thick concrete pavement. The work also included adjustment of the drainage, sewer and water structures that are within roadway limits, and removal and replacement of concrete driveways and concrete turnouts. Construction Cost: \$4.8M</p> <p><u>Harahan Playground Hurricane Ida Repairs – Phase I / Jefferson Parish</u></p> <p>Project Engineer in charge of the design for repairing the Harahan Playground fields used as a debris transfer site after Hurricane Ida. The project includes clearing and grubbing, fill, grading, and sod for fast growth for potential use later this year. Meyer is providing field slopes, swales, and drainage design as needed. The project will also include sodding fields and sprinkling of sod during the growing season.</p> <p><u>Harahan Playground Hurricane Ida Repairs – Little League Fields / Jefferson Parish</u></p> <p>Project Engineer in charge of the design for turf installation and replacing the backstop fencing on the little league baseball field at Harahan Playground which was damaged during Hurricane Ida and includes installing french drainage around the infields, connecting new field drainage to existing drainage, regrading the field and preparing the base, installing artificial turf on the infields</p> <p><u>Hurricane Ida Damage Assessments – Jefferson Parish Bus Fleet / Jefferson Parish</u></p> <p>Mr. Bienvenu is currently assisting with damage assessment reports to identify damages, safety issues, and project costs to repair facilities. The damage impact analysis report will address the following criteria: water intrusion, damage to roofing, damage to structures, and damage to the site.</p>	

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	Jitendra C. Shah, P.E., Vice President
Project Assignment:	Quality Control/Peer Review
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years' Experience with this Firm:	40
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 1973 M.S. Civil Engineering 1975
Active Registration: Year first registered/discipline:	1981/Civil Engineering/LA License #19551
	
Other experience and qualifications relevant to the proposed project:	
<p>Jitendra C. Shah has over fifty-one years of Civil Engineering experience and is involved in all aspects of administering engineering projects which include client contact, cost estimates, design, construction administration, contract closeout, and preparation of reports and plans and specifications. He participates in most facets of Civil Engineering Design including structural, drainage, sanitary and storm sewerage, water, roads and bridges, water and sewerage treatment plants, green infrastructure, drainage and sewerage pump stations, and airport designs. As Vice President, Mr. Shah is responsible for Quality Control Peer Review for Meyer's engineering projects and has managed projects excess of \$50 Million. He has completed many significant street, drainage and wastewater projects for N.O. Department of Public Works, N.O. Sewerage & Water Board, LA DOTD, Jefferson Parish, and other municipalities in the Metropolitan area. Mr. Shah's professional affiliations include membership in American Society of Civil Engineers (ASCE), Associate Member of the Institute of Transportation Engineers (ITE), Society of American Military Engineers (SAME), and American Concrete Institute (ACI).</p> <p><u>11th Street Widening & Resurfacing (New Orleans Avenue to Queens Road) Jefferson Parish</u> Project Manager for the widening and resurfacing of 11th Street from New Orleans Avenue to Queens Road. The work consists of widening the existing roadway to 24 feet and improving the drainage system. Additional roadway improvements will include patching areas where the existing pavement has failed and milling and overlaying the existing asphalt road section. Improvements to the drainage system will include swale ditches designed to carry drainage to the side streets, catch basins to collect surface drainage and new or upgraded subsurface drain lines. The drainage system will be designed for a 10-year storm. Existing sidewalks and driveways will be removed and replaced as necessary to maintain access for business and residents. Construction Cost: \$1.5M (EST)</p> <p><u>S. Galvez Street (Toledano Street to Martin Luther King Boulevard Orleans Parish</u> Project Manager for the reconstruction of S. Galvez from Toledano Street to Martin Luther King Boulevard (<i>approximately 1,800 feet</i>). The construction of the concrete roadway includes two 12-foot-wide traveling lanes and 8' parking lane in each direction separated by a median. Additional features included curbs, new traffic signals, subsurface drainage, water line, sewer line, and street lighting replacement. Construction Cost: \$5.5M</p> <p><u>Holmes Boulevard Rehabilitation (Browning Lane to Behrman Highway) Jefferson Parish</u> Project Manager for the Holmes Boulevard Rehabilitation Project. The project consists of removing and replacing the existing two lane undivided concrete roadway and adding a 6' foot continuous shoulder/bike lane on either side of Browning Lane to Behrman Highway. The existing 28' foot wide concrete roadway will be removed; the base regraded and compacted, and a new 9" inch concrete roadway will be installed. The 6' foot continuous shoulder on each side which will serve as a bike lane will be constructed using a 10" pervious concrete section 4.5 feet wide with a 1.5-foot-wide barrier curb and gutter of standard concrete for a total width of 6' feet. A 3' foot mountable curb island is to be used to separate the bike lane from the automobile travel lanes. Construction Cost: \$5.8M (EST)</p> <p><u>Treme-Lafitte Neighborhood – New Orleans Department of Public Works Orleans Parish</u> Project Manager for the replacement of damaged roadway pavement due to Hurricane Katrina. The project also includes the installation of a base for roadway pavement; cold mill and overlay; water line installation including modifications, adjustments and repair as required; grade adjustments at required driveways, at intersecting streets, and at project terminal. Final grades are compatible with adjacent properties and ensure a positive flow of water towards catch basins. Also included is the installation of ramps for the handicapped at intersections (including medians). Construction Cost: \$4.4M</p> <p><u>Kenner FEMA Street Renovation City of Kenner</u> Project Manager for the Kenner FEMA Street Restoration project which consists of two phases relating to roadway, sidewalk, and driveway damages first identified by FEMA after Hurricane Katrina. The first phase includes field evaluation to verify the damaged areas located by FEMA and to identify any additional damages. The second phase consists of incorporating the field identified damages into construction documents for bidding and construction. Construction Cost: \$650K (EST)</p>	

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	Mark A. Schutt, P.E., Project Engineer
Project Assignment:	Civil Engineer
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years Experience with this Firm:	25
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 1997 M.S. Civil Engineering 1999
Active Registration: Year first registered/discipline:	2003/Civil Engineering/LA License #30528
Other experience and qualifications relevant to the proposed project:	
<p>Mark A. Schutt, P.E. has over twenty-seven years of experience in Civil Engineering and Structural Engineering, and Project Management. He is involved with many aspects of administering engineering projects which include client contact, cost estimates, design plans and specifications, construction administration, and preparation of reports. He participates in most facets of Civil Engineering design including roads, bridges, drainage, sanitary sewer, water, environmental, and structural. He has specialized experience in designing a variety of recreation projects to include boat launches, fishing piers, and bike paths, and has worked on several drainage and wastewater projects in the region. Mr. Schutt's professional memberships include ASCE, APWA, LES, and NSPE.</p> <p><u>State Project No. H.011310: Ford Street Extension East Baton Rouge Parish</u> Project Engineer for the 2,700' extension of Ford Street from LA 67 (Plank Road) to Howell Place Boulevard. The extension will consist of a concrete roadway with 2-11' lanes, 30' wide raised median, subsurface drainage, and sidewalks on both sides. Water and sewer design is also included. Construction Cost: \$3.5M (EST)</p> <p><u>Mandeville Roadway & Bicycle Improvements Citywide St. Tammany Parish</u> Assisted with the design for the annual Mandeville Street Repair Projects from 1993 to 2009. The projects generally include asphalt overlays and drainage improvements on selected streets in Mandeville. Other work included asphalt patching, pulverizing, soil cement stabilization, base course, concrete panel replacement, concrete curbs, sidewalks, asphalt bike paths, utility relocations, utility improvements (water and sewer), landscaping, striping and crack sealing. Construction Cost: \$17.6M (All Projects)</p> <p><u>State Project No. H.010184: LA 59: Curve Realign and Tunnel at Trace St. Tammany Parish</u> Project Engineer for designing the LA 59: Curve Realign and Tunnel at Trace project. Improvements include flattening the radius of LA 59 at the existing dangerous "S" curve as the road crosses the trace, and construction of a pedestrian tunnel under LA 59. Other road improvements include drainage improvements, utility relocations, and raising the grade of the road two feet under the tunnel. He is assisting with coordination with several different departments with DOTD including District 62, Road Design Highway Safety Improvement Program (HSIP), Transportation Alternatives Program, Bridge Design (Lighting), and property acquisitions. He is also assisting with coordinating with St. Tammany Officials and utility companies. Construction Cost: \$3.6M (EST)</p> <p><u>State Project No. 742-26-0044: Harvey Boulevard: Wall Boulevard to Engineers Road Jefferson and Plaquemines Parishes</u> Project Engineer for preliminary and final plans and construction support services for Harvey Boulevard from Wall Boulevard to Engineers Road (approximately 4,800 LF), located in Jefferson Parish and Plaquemines Parish. The new asphaltic concrete roadway included four 12' lanes, concrete curbs, new traffic signals and subsurface drainage. The project also included two 250-foot long girder span bridges, drainage outfalls, backfilling a major canal, and bulkheading around an existing 30-inch gas line. The work also included concrete patching along Engineers Road (LA 3017), and a 180' long pile supported approach slab over a backfilled canal to avoid future settlement problems. He conducted an Environmental Assessment, which included performing several public meetings involving the creation of exhibits. He developed right-of-way requirements and coordinated right-of-way maps, real estate appraisals, and right-of-way acquisition. He performed drainage calculations, utilized Roadcalc to determine cut and fill quantities, completed pile length calculations and scour analysis, developed cost estimates and coordinated with many agencies including Jefferson Parish Engineering Department, Plaquemines Parish, LADOTD, USACE, and Coast Guard. He coordinated and developed a Joint-Use Agreement between Plaquemines Parish and Jefferson Parish. Construction Cost: \$8.9 M</p>	



TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	Eric Colwart, P.E., Civil Engineer
Project Assignment:	Civil Engineer
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years' Experience with this Firm:	18
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 2005
Active Registration: Year first registered/discipline:	2011/Civil Engineering/LA License #36290
<div style="text-align: right; width: 150px;">  </div>	
Other experience and qualifications relevant to the proposed project:	
<p>Eric Colwart has over eighteen years of experience in Civil and Structural Engineering which includes client contact, cost estimates, design, construction administration, and preparation of reports, plans and specifications. He specializes in structural engineering and city infrastructure projects. Structural engineering projects include analysis of existing structures and foundations, as well as design of concrete foundations and steel framing for new buildings and structures. City infrastructure projects include performing hydraulic analysis and geometric design for roadway and drainage projects. Mr. Colwart has designed projects in accordance with DOTD's "Roadway Design Manual", "Hydraulics Manual", "Bridge Manual", AASHTO's "Green Book", the "Louisiana Standard Specifications for Roads and Bridges", "American Concrete Institute Standards" and the "AISC Manual of Steel Construction". Mr. Colwart's professional memberships include ASCE and SEI.</p> <p><u>11th Street Widening & Resurfacing (New Orleans Avenue to Queens Road) Jefferson Parish</u> Project Engineer for the widening and resurfacing of 11th Street from New Orleans Avenue to Queens Road. The work consists of widening the existing roadway to 24 feet and improving the drainage system. Additional roadway improvements will include patching areas where the existing pavement has failed and milling and overlaying the existing asphalt road section. Improvements to the drainage system will include swale ditches designed to carry drainage to the side streets, catch basins to collect surface drainage and new or upgraded subsurface drain lines. The drainage system will be designed for a 10-year storm. Existing sidewalks and driveways will be removed and replaced as necessary to maintain access for business and residents. Construction Cost: \$1.5M (EST)</p> <p><u>Holmes Boulevard Rehabilitation (Browning Lane to Behrman Highway) Jefferson Parish</u> Project Engineer for the Holmes Boulevard Rehabilitation Project. The project consists of removing and replacing the existing two lane undivided concrete roadway and adding a 6' foot continuous shoulder/bike lane on either side of Browning Lane to Behrman Highway. The existing 28' foot wide concrete roadway will be removed; the base regraded and compacted, and a new 9" inch concrete roadway will be installed. The 6' foot continuous shoulder on each side which will serve as a bike lane will be constructed using a 10" pervious concrete section 4.5 feet wide with a 1.5-foot-wide barrier curb and gutter of standard concrete for a total width of 6' feet. A 3' foot mountable curb island is to be used to separate the bike lane from the automobile travel lanes. Construction Cost: \$5.8M (EST)</p> <p><u>Hollygrove Neighborhood – Groups D & E Orleans Parish</u> Project Engineer for the design and preparation of plans and specifications for FEMA Recovery Roads Program projects in the Hollygrove Neighborhood. The project consists of the complete reconstruction of 22 blocks including the complete removal and replacement of roadway and sidewalk pavement, replacement or construction of handicapped curb ramps at intersections to bring the neighborhood up to current ADA standards, and the removal and upgrading of the drainage, sanitary sewer, and water distribution systems. The project also consists of two blocks where damaged portions of the roadway and sidewalk will be repaired, and the entire blocks milled and overlaid with new asphalt. Construction Cost: \$7.5M (EST)</p> <p><u>Treme-Lafitte Neighborhood – New Orleans Department of Public Works Orleans Parish</u> Project Engineer for the replacement of damaged roadway pavement due to Hurricane Katrina. The project also includes the installation of a base for roadway pavement; cold mill and overlay; water line installation including modifications, adjustments and repair as required; grade adjustments at required driveways, at intersecting streets, and at project terminal. Final grades are compatible with adjacent properties and ensure a positive flow of water towards catch basins. Also included is the installation of ramps for the handicapped at intersections (including medians). Construction Cost: \$4.4M (EST)</p> <p><u>S. Galvez Street (Toledano Street to Martin Luther King Boulevard) Orleans Parish</u> Project Engineer for the reconstruction of S. Galvez Street (approximately 1,800 feet). Construction of concrete roadway includes two 12-foot-wide traveling lanes and 8' parking lane in each direction separated by a 30-foot-wide median. Additional features include curbs, new traffic signals, subsurface drainage, water line, sewer line, and street lighting replacement. The subsurface drainage system will be upgraded to 10-year storm design criteria. The water line will be upgraded to an 8" water line for the entire length of the project. Construction Cost: \$5.3M (EST)</p> <p><u>State Project No. H.007272: Howard Avenue Extension (Loyola Avenue – LaSalle Street) Orleans Parish</u> Project Engineer for the Howard Avenue Extension which consists of the construction of a 1,600' concrete roadway, base course, curbs, sidewalk, ADA compliant ramps, drain lines, utility adjustments, striping, traffic signals, and street lighting. The work also includes right-of-way acquisition. He coordinated with DOTD, FHWA, N.O. Public Works, N.O. Sewerage and Water Board, utility companies, Regional Planning Commission, Amtrak, and the U.S. Post Office. Construction Cost: \$3.2M</p>	

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	Tyler Gettys, P.E., Civil Engineer
Project Assignment:	Civil Engineer
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years' Experience with this Firm:	2
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 2017
Active Registration: Year first registered/discipline:	2022/Civil Engineering/LA License #46806
Other experience and qualifications relevant to the proposed project:	
<p>Tyler J. Gettys has over six years of engineering experience and will assist with engineering design and CADD drafting. His experience includes roadway design, bridge replacements, safety projects, roundabouts, and signalized intersections. He has developed typical sections, summary of quantities, design plans and profiles, geometric details/graphical grades, pavement marking/signing sheets, sequencing of construction and detour signing, diversion bridges, and cross sections. He is proficient in Bentley Software, AutoCAD, GIS systems, HYDRWIN Hydraulic Software and Watershed Modeling System (WMS).</p> <p><u>Citrus Boulevard Improvements Jefferson Parish</u> Assisted with the design for the Citrus Boulevard Improvements project which consisted of pavement removal and reconstruction for approximately 10,000 linear feet of Citrus Boulevard. Work included removal of the existing roadway surface, installation of sand base as required, and installation of 9" thick concrete pavement. The work also included adjustment of the drainage, sewer and water structures that are within roadway limits, and removal and replacement of concrete driveways and concrete turnouts. Construction Cost: \$4.8M</p> <p><u>Bainbridge Canal Closure and Roadway Improvements Jefferson Parish</u> Assisting with the design for the improvements on Bainbridge Street from Veterans Boulevard to Terminal Drive in Kenner, Louisiana. The work includes a 4 barrel 8' x 5' concrete box culvert. The work also includes a portion of relocated drainage canal, side street drainage laterals, replacement of concrete streets, utility offsets, streetlights, traffic signal replacement, sidewalks, landscaping, and extension of the left turn lane on Veterans Boulevard. Construction Cost: \$26.2M</p> <p><u>State Project No. H.013850: Duplessis Road Safety Widening Ascension Parish</u> Project Engineer for the Duplessis Road Safety Widening Project. Duplessis Road is categorized as an Urban Collector Roadway that provides a connection between major LADOTD roads: Airline Highway (US 61) and Old Jefferson Highway (LA Highway 73). As part of the Move Ascension roadway improvement program, Meyer is tasked with designing the full roadway reconstruction of the 1.65-mile portion of the road to widen the road from 18' wide to 26' wide (two 11' lanes and two 2' wide paved shoulders). The roadway and shoulder safety widening will aid in vehicle recovery and provide a safer roadway for traveling motorists. Also included in this project is drainage design and layout of the new subsurface and roadside ditch sections. Construction Cost: \$5.2M (EST)</p> <p><u>Jefferson Highway at Bluebonnet Boulevard East Baton Rouge Parish</u> Assisting with the design of the Jefferson Highway Bluebonnet intersection project. As part of the MOVEBR Program, the project included extending the north and south bound left and right turn lanes on Bluebonnet. Other work included drain inlet structures, driveways, and light pole relocation. Construction Cost: \$1.3M (EST)</p> <p><u>Scenic Highway Project (Harding Boulevard to Swan Avenue) East Baton Rouge Parish</u> Assisting with the roadway and drainage design for the Scenic Highway (Harding Boulevard to Swan Avenue) Corridor Enhancement project. As part of the MOVEBR Program, the project proposes to enhance pedestrian, transit, and bicycle safety and mobility by improving the existing corridor to better accommodate the Complete Streets needs in the area. Drainage and vehicular turning movement improvements are also a priority along the corridor. Eight-foot (8') sidewalks are being added to each side of the road. Turn lanes are being improved and removed for access management. These improvements required the concrete curbs to be shifted and pavement to be widened. Crosswalks will be provided at all intersections and pedestrian countdown signals at signalized intersections are also being considered. Construction Cost: \$7M (EST)</p>	



TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	Nicole Dunn, P.E. / Civil Engineer
Project Assignment:	Construction Manager
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years' Experience with this Firm:	>1
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 2015
Active Registration: Year first registered/discipline:	2020/Civil Engineering/LA License #44444
Other experience and qualifications relevant to the proposed project:	
<p>Nicole Dunn has over ten years of experience. She has worked for LADOTD for the last ten years, the last seven of which she worked in District 61's PE office, overseeing LADOTD projects in Ascension, Assumption, and St. James Parishes totaling over \$500M worth of road/bridge construction contracts. She is very knowledgeable of construction management resources and is proficient in numerous construction management software programs. She is an ATTSA certified Traffic Control Supervisor and Flagger.</p> <p><u>State Project No. H.012308: Cook Road Improvements Livingston Parish</u> Construction Manager for the Cook Road Improvements project that will <i>widen and extend the existing roadway</i> into a four-lane boulevard. The roadway will be separated with a grass median including intermittent turn lane openings, subsurface drainage, and sidewalk improvements on both sides of the roadway and a roundabout at LA Hwy. 16. The project will include a pair of concrete bridges crossing Gray's Creek as well as a large drainage installation over the crossings of Gray's Creek tributary.</p> <p><u>District Engineer (LADOTD) Office Ascension, Assumption, Iberville, and St. James Parishes</u> Performed all Construction Administration on LADOTD construction projects. Preconstruction / Design: Identify the project scope with the designers in the earliest phases of the project, review plan sets, complete constructability reviews, and coordinate field meetings to address specific items or utility needs of the project. Construction Engineering / Construction Administration: Review project submittals, shop drawings, and coordinate traffic control needs/press releases; making adjustments for differing site conditions and complete change orders with specific attention to funding categories for estimating purposes; complete all stockpile material assessments/inputs into Site Manager throughout the progression the project; reviewed diaries/entries using Site Manager and Headlight; various construction tasks performed include checking drainage grades, analyzing all IRI data in Proval, and insuring plan intent and specifications are adhered to; managed inspection, construction office team, and equipment. Maintenance / Emergency Work: Emergency shift work included responding to debris events, high water, and ice/snow events; specific duties included reporting SITRep data, salting bridges, reporting impassable roadways, and overseeing aquadam installation.</p> <p>LADOTD Road Design: Designer for H.008312, LA 1042 Bridges near Greensburg (since PIH), converting projects to the current 2016 spec book. Designer for H.000263, Chef Menteur Pass Bridge and Approach using Microstation/InRoads.</p> <p>LADOTD Pavement and Geotechnical Section: Checked boring logs for soil classification accuracy. Developed soil profiles and performed pile design on various off-system bridge projects throughout Louisiana. Assisted with multiple PDA tests on both concrete and steel piles. Worked alongside the geotechnical drill crew and the geotechnical lab.</p> <p>LADOTD Pavement Preservation Section: Created the Pavement Preservation Health Index for the 13-14 fiscal year. Collected data on the asphalt overlays used in various states in order to compare how Louisiana uses thin overlays.</p>	




TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed by Jefferson Parish. Please attach additional pages if necessary.


PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><i>Citrus Boulevard Improvements</i> <i>Jefferson Parish, Louisiana</i></p> <p>Jefferson Parish Dept. of Engineering 1221 Elmwood Park Boulevard, Suite 802 Harahan, LA 70123 Mr. Gene Gillen (APTIM) 504.832.4881 Email: gene.gillen@aptim.com</p> <p>KEY PERSONNEL</p> <p>Donovan P. Duffy, P.E. Richard C. Meyer, P.E. David Dupre, P.E. Tyler Gettys, P.E.</p> <p>HIGHLIGHTS</p> <ul style="list-style-type: none"> Concrete Pavement Reconstruction Phasing for Businesses in High-Volume Corridor 	<p><i>Design, Bidding & Construction Administration</i></p> <p>The Citrus Boulevard Improvements project consisted of <i>concrete pavement removal and reconstruction for approximately 10,000 linear feet of Citrus Boulevard</i> in the area bordered by Dickory Avenue and Elmwood Park Boulevard.</p> <p>The design work included vertical alignment design for both eastbound and westbound lanes along Citrus Boulevard and the design of a left turn lane at the intersection of Citrus Boulevard and Edwards Avenue. Additionally, the design included geometry for each of the intersecting roadways for turnout replacement.</p> <div style="display: flex; justify-content: space-around;">   </div> <p>Construction for this high-volume corridor was conducted in phases to allow for continuation of service to the major business park areas served by this roadway section. Construction consisted of the removal of the existing roadway surface, installation of sand base as required to meet the vertical geometry design, and installation 9" thick concrete pavement. Concrete curbing was constructed along the length of the project and included both barrier and mountable forms to allow for the needs of the surrounding businesses. Construction also included the adjustment of drainage, sewer, and water structures that are within the roadway limits. The work also included the removal and replacement of concrete driveways and concrete turnouts at the intersecting streets. To provide for pedestrian traffic, ADA curb ramps were included at all intersections as necessary.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$4,800,000	100%

TEC Professional Services Questionnaire

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility: <i>Design, Bidding and Construction Administration</i>	
<p><i>11th Street Widening & Resurfacing (New Orleans Avenue to Queens Road)</i> <i>Jefferson Parish, Louisiana</i></p> <p>Jefferson Parish West Bank Road Bond Program 1221 Elmwood Park Boulevard, Ste. 904 Jefferson, LA 70123 Mr. Mark K. Roberts, P.E. 504.736.8753 Email: Mark.Roberts@jeffparish.gov</p> <p>KEY PERSONNEL</p> <p>Donovan P. Duffy, P.E. Richard C. Meyer, P.E. Jitendra Shah, P.E. Eric Colwart, P.E. Alec Simonson, P.E.</p> <p>HIGHLIGHTS</p> <ul style="list-style-type: none"> Road Widening and Resurfacing Drainage Improvements 	<p><i>Meyer Engineers, Ltd.</i> is designing the widening and resurfacing of 11th Street from New Orleans Avenue to Queens Road in Jefferson Parish. The scope of work includes the following tasks:</p> <ul style="list-style-type: none"> The existing 20-foot asphalt roadway will be widened to 24 feet, and the existing drainage system will be improved. Additional roadway improvements will include patching areas where the existing pavement has failed and milling and overlaying the existing asphalt road section. Improvements to the drainage system will include swale ditches designed to carry drainage to the side streets, catch basins to collect surface drainage, and new or upgraded subsurface drain lines. The drainage system will be designed for a 10-year storm. Existing sidewalks and driveways will be removed and replaced as necessary to maintain access for business and residents. 	
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025 (EST)	\$3,500,000 (EST)	100%

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
	<i>Design, Bidding & Construction Administration</i>	
<p><i>Holmes Boulevard Rehabilitation (Browning Lane to Behrman Highway)</i> <i>Jefferson Parish, Louisiana</i></p> <p>Jefferson Parish West Bank Road Bond Program 1221 Elmwood Park Boulevard, Suite 904 Jefferson, LA 70123 Mr. Mark K. Roberts, P.E. 504.736.8753 Email: Mark.Roberts@jeffparish.gov</p> <p>KEY PERSONNEL</p> <p>Donovan P. Duffy, P.E. Richard C. Meyer, P.E. Jitendra Shah, P.E. Eric Colwart, P.E. Alec Simonson, P.E. Randy Oustalet, P.E.</p> <p>HIGHLIGHTS</p> <ul style="list-style-type: none"> Complete Streets Pervious Pavement Drainage/Storm Water Design 	<div style="text-align: center;">  </div> <p><i>Meyer Engineers, Ltd. (Meyer)</i> designed and performed construction administration services for the rehabilitation of Holmes Boulevard from Browning Lane to Behrman Highway in Jefferson Parish. The scope of work included the following tasks:</p> <ul style="list-style-type: none"> Removing and replacing the existing two lane undivided concrete roadway and adding a 6' continuous shoulder/bike lane with pervious pavement on either side from Browning Lane to Behrman Highway. The existing 28' wide concrete roadway was removed; the base was regraded and compacted, and a new 9" concrete roadway was installed. The 6' foot continuous shoulder on each side serves as a bike lane and was constructed using 10" pervious concrete section 4.5' wide with a 1.5' wide barrier curb and gutter of standard concrete for a total width of 6'. A 3' foot mountable curbed island was used to separate the bike lane from the automobile travel lanes. Catch basins were adjusted to provide positive drainage. Drainage pipe was replaced to repair damaged or misaligned pipe. The roadway was widened at the intersection of Stumpf Boulevard and Holmes Boulevard to allow for the existing left turn lane to Stumpf Boulevard to remain while accommodating the bike lanes. Signal work at this intersection included the relocation of existing poles and mastarms and controllers. All handicap ramps were replaced to conform with current ADA standards. 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024	\$5,400,000	90%


TEC Professional Services Questionnaire

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;"><i>Bainbridge Canal Closure and Roadway Improvements</i> <i>Jefferson Parish, Louisiana</i></p> <p>Jefferson Parish 1223 Elmwood Park Boulevard, Ste. 906 Harahan, LA 70123 Mr. Neil Schneider, P.E. 504.736.6833 Email: Neil.Schneider@jeffparish.gov</p> <p style="text-align: center;">KEY PERSONNEL</p> <p>Donovan P. Duffy, P.E. Richard C. Meyer, P.E. David H. Dupré, P.E. Tyler Gettys, P.E.</p> <p style="text-align: center;">HIGHLIGHTS</p> <ul style="list-style-type: none"> Steel Sheet Pile Wall Concrete Box Culvert Concrete Street Replacement Sewerage Lift Station Street Lights Water Line Replacement Sidewalks Landscaping 	<p><i>Meyer Engineers, Ltd.</i> (<i>Meyer</i>) is completing the design and will provide construction administration for the <i>improvements on Bainbridge Street</i> from Veterans Boulevard to Terminal Drive in Kenner, Louisiana. The includes work <i>2,000' of a steel sheet pile wall</i> section of canal. Also included is 60' of a <i>dual 7' x 6' concrete box culvert</i> near Veterans, 1,100' of a reshaped canal, the <i>road replacement</i> of 4,000' of Bainbridge Street, side street drainage laterals, <i>water line replacement</i> and offsets, a <i>sewerage lift station</i>, utility offsets, street lights, temporary traffic signals, <i>sidewalks</i>, landscaping, and the extension of the left turn lane on Veterans Boulevard.</p> <p><i>Meyer is designing and leading a team</i> of three design consultants, a geotechnical engineer, electrical engineer, traffic engineer, landscape architect, and a surveyor. Stakeholders involved in this project include the City of Kenner, Jefferson Parish (who owns the canal and provides drainage to the Parish), and Louis Armstrong New Orleans Airport. Meyer developed solutions that benefit all parties.</p> <p>In addition to the design of the box culvert and sheet pile wall section, Meyer developed <i>a complex construction sequencing</i> plan to always maintain traffic to the Airport. Meyer coordinated <i>major utility relocations</i> which included Entergy, AT&T, Lumen, Cox Cable, and Atmos.</p> <p><i>Design Challenge:</i> Our Geotechnical Engineer <i>anticipated up to 18" of settlement</i> of the box culvert extension near Veterans. Meyer resolved this issue by recommending a <i>pile supported box culvert</i> to minimize differential settlement.</p> <div style="text-align: center;">  <p style="font-size: small; margin-top: 5px;">BAINBRIDGE ROADWAY IMPROVEMENTS</p> </div> <div style="text-align: center; margin-top: 20px;">  <p style="font-size: small; margin-top: 5px;">PROPOSED SECTION - SHEET PILE WALL</p> </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025 (EST)	\$26,200,000 (EST)	60%

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">18th Street / Edenborn Avenue Drainage Improvements Jefferson Parish, Louisiana</p> <p>Jefferson Parish Department of Engineering 1221 Elmwood Park Boulevard, Suite 802 Harahan, LA 70123 Mr. Mark Drewes 504.736.6505 Email: Mark.Drewes@jeffparish.gov</p> <p>KEY PERSONNEL</p> <p>Richard C. Meyer, P.E. Jitendra Shah, P.E. Eric Colwart, P.E.</p> <p>HIGHLIGHTS</p> <ul style="list-style-type: none"> Concrete Roadway Replacement Subsurface Drainage / Flood Control Water and Sewer Line Replacement Utility Conflicts Green Infrastructure 	<p><i>Nature of Firm's Responsibility:</i> <i>Design, Bidding, Construction Administration & Inspection</i></p> <p><i>Meyer Engineers, Ltd.</i> completed the design, construction administration and inspection <i>for drainage improvements and beautification on 18th Street and Edenborn Avenue.</i> The project limits were along 18th Street between Division Street and N. Arnoult Road and along Edenborn Avenue between 18th Street and W. Esplanade Canal in the heart of the Metairie Central Business District (formerly Fat City). As part of the Fat City Redevelopment Plan, a future vision included a vibrant, mixed-use neighborhood with a stable residential base, a <i>pedestrian-oriented core</i>, centered on 18th street, and compatible transitions between the mixed-use core, residential areas and heavy commercial areas.</p> <p>The <i>drainage, roadway</i>, and beautification project has provided a catalyst for this Redevelopment Plan which has spurred an <i>improved quality of life</i> with future economic development and growth in the Metairie CBD. The project consisted of splitting/diverting storm water from Veterans Blvd. Canal No. 3 to W. Esplanade Canal No. 2. Approximately <i>1,300' of subsurface drainage</i> was installed along 18th Street and approximately <i>2,200' of subsurface drainage</i> along Edenborn Avenue upgraded. In addition to the storm water improvements, the existing 18th Street <i>concrete roadway</i> was completely replaced along with <i>decorative stamp-colored sidewalks</i> for pedestrian use.</p> <p>Phase 2 of the project included 72-inch and 84-inch reinforced concrete arch pipes that were installed along Edenborn Avenue toward the West Esplanade Canal No. 2 to relieve the severely undersized outfall pipes presently utilized to drain 18th street corridor. Also utilized as an enhanced environmentally friendly construction procedure is pervious concrete sidewalk to manage runoff. Part of the design consisted of replacement of the water and sewer lines while maintaining service of the existing utilities. Overhead telephone and cable lines were buried under ground and new taller steel poles were erected for the overhead electrical power lines. Pedestrian lights were constructed.</p>	
	 <p style="text-align: center; border: 1px solid black; padding: 2px; display: inline-block;">18th Street</p>	
	 <p style="text-align: center; border: 1px solid black; padding: 2px; display: inline-block;">Edenborn Avenue</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	\$7,000,000 (Both Phases)	100%

TEC Professional Services Questionnaire

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;"><i>LA 431 @ LA 934 Intersection Improvements Ascension Parish, Louisiana</i></p> <p>Department of Transportation and Development P.O. Box 94245 Baton Rouge, LA 70804 Mr. Patrick Toney 225.379.1041 Email: Patrick.Toney@LA.GOV</p> <p>KEY PERSONNEL</p> <p>Donovan P. Duffy, P.E. David H. Dupre, P.E. Jitendra C. Shah, P.E.</p> <p>HIGHLIGHTS</p> <ul style="list-style-type: none"> Roadway Improvements Subsurface Drainage Coordination with DOTD and Ascension Parish 	<p><i>Preliminary & Final Plans</i></p> <p><i>Meyer Engineers, Ltd. (Meyer)</i> completed the Preliminary and Final Plans of the LA 431 at LA 934 (Gold Place Road) Intersection Improvement Project in Ascension Parish. This DOTD Urban System Project includes widening 1,800' of highway to add left and right turn lanes.</p> <p>The project consists of asphaltic concrete pavement widening of 1,800' along LA 431 and 400' along LA 934. Additional items included concrete patching on LA 934, subsurface drainage at the intersection, roadside drainage, base course, paved shoulders, mill and overlay, driveway replacements, striping, utility relocations, and traffic signals. Meyer developed typical sections, plan and profile sheets, design drainage map, geometric details, pavement markings, signing layout, construction signing and sequence of construction, temporary erosion control plan, and cross sections as part of the plan set. Meyer coordinated the environmental clearance.</p> <p>The project also included right-of-way acquisition along LA 431 and LA 934. Meyer developed right-of-way requirements and reviewed right-of-way maps, real estate appraisals, and title reports.</p> <p>To accommodate the required amount of right-of-way per the DOTD design guidelines which would have severely impacted some businesses, and would have caused their relocation, <i>Meyer changed the design section in this area to subsurface drainage, which would fit within the existing right-of-way,</i> thereby eliminating the need to relocate these businesses.</p> <div style="text-align: center; margin: 10px 0;">  </div> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; margin-top: 10px;"> <p>Patrick Toney, DOTD's Project Manager, stated that "Meyer Engineers, Ltd. showed the ability to know LA DOTD Design Procedures. They have made design suggestions based on sound engineering judgement." "Submittals have been on time and well organized." Also, "Meyer has done an excellent job of coordination for this project." "Consultant did a great job on leading the meeting for the Plan-in-Hand and following up."</p> </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	\$1,500,000	70%

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><i>Lime Street Drainage Improvements</i> <i>Jefferson Parish, Louisiana</i></p> <p>Jefferson Parish Department of Capital Projects 1221 Elmwood Park Boulevard Harahan, LA 70123 Mr. Neil Schneider 504.736.6833 Email: Neil.Schneider@jeffparish.gov</p> <p style="text-align: center;">KEY PERSONNEL</p> <p>Donovan P. Duffy, P.E. Richard C. Meyer, P.E. David H. Dupré, P.E. Alec Simonson, P.E.</p> <p style="text-align: center;">HIGHLIGHTS</p> <ul style="list-style-type: none"> 48" Drain Line Concrete Road Replacement Utility Offsets and Conflict Boxes 	<p><i>Design, Construction Administration & Inspection</i></p> <p><i>Meyer Engineers Ltd. (Meyer)</i> designed, performed construction administration, and inspection for the Lime Street Drainage Improvements, which includes upgrading the subsurface drainage system on Lime Street from West Esplanade to Veterans Boulevard.</p> <p>This critical drainage project is situated in an area that has one of the more poorly drained storm water subsurface drainage systems in Metairie. A considerable amount of the subdivision is approximately 7 feet below mean sea level.</p> <p>The project included installation of drainage trunk lines (30" PVC to 48" RCPA) that discharges into the West Esplanade Canal No. 2 to the north and the Veterans Boulevard Canal No. 3 to the south.</p> <p>The project also included the replacement of Lime Street (concrete), water line replacement and offsets (including a 30" concrete Price Brothers pipe with ductile iron pipe), sanitary sewer conflict boxes, open cut of West Esplanade and Veterans for a 48" drain line which necessitated detour plans, concrete slope paving for outfall pipes, conflict boxes, sidewalk replacement, and tree protection. Tasks Meyer completed include a hydraulic study of the area, design of a storm water drainage system, and preparation of construction documents to be advertised and bid through Jefferson Parish. Meyer coordinated work with Jefferson Parish Capital Improvements, Drainage, Water, Sewerage and Engineering Departments.</p> <p>A design challenge was the conflict with the required 48" RCPA and the numerous existing utilities (AT&T duct bank, 14" sewer force main, 12" sewer gravity line, and side drainage culverts) all in close proximity to each other on Veterans Boulevard. The solution was to design a 21' x 8' special conflict box.</p> <div style="text-align: right;">  </div> <div style="text-align: center;">  <p>SPECIAL CONFLICT MANHOLE ELEVATION VIEW</p> </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$7,100,000	50%

TEC Professional Services Questionnaire

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">State Project No. H.011310: Ford Street Extension <i>East Baton Rouge Parish, Louisiana</i></p> <p style="text-align: center;">Department of Transportation and Development P.O. Box 43245 Baton Rouge, LA 70804 Ms. Catherine Mastin 225.379.1652 Email: Catherine.Mastin@LA.GOV</p> <p style="text-align: center;">KEY PERSONNEL</p> <p>Donovan P. Duffy, P.E. David H. Dupre, P.E. Mark A. Schutt, P.E.</p> <p style="text-align: center;">HIGHLIGHTS</p> <ul style="list-style-type: none"> New Concrete Road Subsurface Drainage Sidewalks 	<p>Preliminary and Final Plans</p> <p><i>Meyer Engineers, Ltd. (Meyer)</i> was selected to prepare Preliminary Plans for Ford Street Extension in East Baton Rouge parish. The design is being coordinated by DOTD in conjunction with East Baton Rouge Parish.</p> <p>The project will extend 2,700' from LA 67 (Plank Road) to Howell Place Boulevard. The extension will consist of a concrete roadway with 2-11' lanes, 30' wide raised median, subsurface drainage, and sidewalks on both sides. Water and sewer design is also included in the project. Plans include typical sections, plan and profile sheets, design drainage map, geometric details, pavement markings, signing layout, construction signing and sequence of construction, temporary erosion control plan, and cross sections.</p> <p>There are various projects being designed and constructed in the vicinity of this project that require Meyer to coordinate with private, state, and local public entities. The project also has an accelerated design schedule.</p> <div style="text-align: center;">  </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025 (EST)	\$3,500,000 (EST)	70%

TEC Professional Services Questionnaire

PROJECT NO. 9						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p style="text-align: center;">State Project No. H.013850: Duplessis Road Safety Widening</p> <p style="text-align: center;">Ascension Parish, Louisiana</p> <p style="text-align: center;">Ascension Parish 42077 Churchpoint Road Gonzales, LA 70737 Mr. Daniel Helms, P.E. 225.450.1013 Email: Daniel.Helms@apgov.us</p> <p style="text-align: center;">KEY PERSONNEL</p> <p>Donovan P. Duffy, P.E. Richard C. Meyer, P.E. David H. Dupré, P.E. Tyler Gettys, P.E.</p> <p style="text-align: center;">HIGHLIGHTS</p> <ul style="list-style-type: none"> Road Widening and Replacement Subsurface Drainage and Roadside Ditches Curve Realignment for Safety Multi-Use Path 	<p>Meyer Engineers, Ltd. (Meyer) is providing engineering services for the design, plan preparation and construction administration for the Duplessis Road Safety Widening project. Duplessis Road is categorized as an Urban Collector Roadway that provides a connection between major LADOTD roads: Airline Highway (US Highway 61) and Old Jefferson Highway (LA Highway 73). As a part of the Move Ascension roadway improvement program, Meyer is tasked with designing the full roadway reconstruction of the 1.65-mile portion of the road to widen the road from 18' wide to 26' wide (two (2) 11' lanes and two (2) 2' wide paved shoulders). The roadway and shoulder safety widening will aide in vehicle recovery and provide a safer roadway for traveling motorists. Also included in this project is the drainage design and layout of the new subsurface and roadside ditch sections. Meyer is coordinating with numerous consultants and agencies in order to complete the design process. Meyer is in constant coordination with the Move Ascension Program Management Provider, HNTB Corporation, and the Owner, Ascension Parish, in order to provide for a design that reflects the standards for the program and to provide for project specific solutions for Duplessis Road including:</p> <div style="display: flex; align-items: flex-start;">  <div style="flex-grow: 1;"> <ul style="list-style-type: none"> Minimizing the disruption to the properties along the roadway, including curtailing the effect of the widening near a cemetery. Realigning a dangerous curve to allow for a safer roadway layout and improve traffic maintenance. Improving the safety of a major intersection at Tiggy Duplessis Road. Designing the connection to the widened portion of Duplessis Road near the construction of a major commercial property along Airline Highway. Adding a multi-use path. </div> </div> <p>Meyer's tasks for this project include the development of preliminary plans for the project in accordance with the Master GEC Contract, the development of final plans conforming to all coordinated comments from the preliminary stage, the development of specifications and a cost estimate, the coordination with the surveyor for the preparation of right-of-way plans and necessary property acquisition. Meyer also conducted a public meeting. The design criteria for this project is in accordance with AASHTO, FHWA, and DOTD requirements.</p>					
<p>Completion Date (Actual or estimated):</p> <p style="text-align: center;">2025 (EST)</p>	<p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d9ead3;"> <th style="width: 50%; padding: 5px; text-align: center;">Entire Project:</th> <th style="width: 50%; padding: 5px; text-align: center;">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;">\$5,200,000 (EST)</td> <td style="text-align: center; padding: 5px;">100%</td> </tr> </tbody> </table>		Entire Project:	Work for which Firm was Responsible:	\$5,200,000 (EST)	100%
Entire Project:	Work for which Firm was Responsible:					
\$5,200,000 (EST)	100%					

TEC Professional Services Questionnaire

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">Scenic Highway Project (Harding Boulevard to Swan Avenue) Parish of East Baton Rouge, Louisiana</p> <p>City of Baton Rouge/Parish of East Baton Rouge Public Works 1100 Laurel Street Baton Rouge, LA 70802 Mr. Thomas A. Stephens, P.E. 225.389.3186 Email: TStephens@brla.gov Sub. to GOTECH, Inc. Mr. Rhaoul A. Guillaume, Sr. 225.766.5358 Email: Rhaoul@gotech-inc.com</p> <p>KEY PERSONNEL</p> <p>Donovan P. Duffy, P.E. Richard C. Meyer, P.E. David H. Dupré, P.E. Tyler Gettys, P.E.</p> <p>HIGHLIGHTS</p> <ul style="list-style-type: none"> Roadway Improvements Corridor Study and Improvements Green Infrastructure Mobility / Pedestrian Access 	<p>Roadway and Drainage Design</p> <p><i>Meyer Engineers, Ltd. (Meyer)</i> as a Sub Consultant to GOTECH, Inc., is designing the plans for the Scenic Highway (Harding Boulevard to Swan Avenue) Corridor enhancement project. As part of the MOVEBR Program, the project proposes to enhance pedestrian, transit, and mobility by improving the existing corridor to better accommodate the Complete Streets needs in the area. Drainage and vehicular turning movement improvements are also a priority along the corridor. Eight-foot (8') sidewalks are being added to each side of the road. Turn lanes are being improved and removed for access management. These improvements required the concrete curbs to be shifted and pavement to be widened. Crosswalks will be provided at all intersections and pedestrian countdown signals at signalized intersections are also being considered.</p> <p>The Scenic Highway project corridor begins at the intersection of Harding Boulevard and terminates at the intersection of Swan Avenue, including the existing railroad crossing. It also includes the existing intersections of adjacent side streets within the corridor.</p> <p>Plan sheets Meyer is developing include Plan/Profile Sheets, Geometric Details, Existing and Design Drainage Maps, Drainage Structure Details, and Cross Sections.</p> <p>Meyer also completed a Drainage Study for this corridor, which includes drainage along Scenic and cross drains across Scenic Highway (US 61) and across Harding Boulevard (LA 48). Meyer is coordinating green infrastructure improvements along with gray infrastructure improvements. There have been multiple studies done in this area as the location near Southern University has spurred economic development discussions that Meyer, in coordination with GOTECH, has coordinated to ensure all stakeholders have a voice in the final design.</p> <div style="text-align: center;"> <p>SCENIC HWY. AT SWAN AVE.:</p>  </div>	
<p>Completion Date (Actual or estimated):</p> <p style="text-align: center;">On-Going</p>	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
	\$7,000,000 (EST)	50%

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A		
2.		

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.

1. PROFESSIONAL TRAINING AND EXPERIENCE

Meyer Engineers, Ltd. (Meyer) is uniquely qualified for this project, having been the *City of Harahan Engineer for decades*. Since Harahan did not have a Public Works or Engineering Department, the *City relied on Meyer* to maintain sanitary sewer, storm drainage, and interior drainage systems record drawings. This information is currently saved on Meyer servers. Meyer also coordinated with the Jefferson Parish Water Department relative to water lines in the City, which Meyer also has on its servers. Meyer has worked with the City of Harahan during every disaster which includes impacts along Hickory Avenue from the playground to the river.

Rick Meyer, Ann Theriot, and Alex Bienvenu have *been intimately involved with utility modifications* along Hickory and throughout the City. Rick Meyer grew up near the Hickory corridor and worked in the area for *approximately fifty years*. Mr. Meyer has personal relationships with businesses on Hickory Avenue including Durr Construction, Blue Flash, Bienvenu Restaurant, Seither's Restaurant and, in years past, the Rickshaw Lounge. Mr. Meyer, Mrs. Theriot, and Mr. Bienvenu all have worked with City Hall and the Police Department which is also on Hickory Avenue. With limited access to Hickory from the downriver side, impacts to neighborhood traffic will be critical. A phasing of construction will be required to limit high traffic volumes out of neighborhood streets. (As a sidebar, both Mr. Meyer's daughter and Alex Bienvenu have lived within 100 yards of Hickory Avenue for over ten years, and both use Hickory Avenue often.)

Meyer also has worked with Senator Talbot and Representative Illg to obtain funding for various projects in Harahan. Meyer will be in a unique position to lobby for funding for this and supplemental projects impacted by the Hickory Avenue improvements.

Besides the Jefferson Parish and LADOTD projects listed in this section, in the 2000's Meyer designed and performed construction administration for the City of Mandeville for the Monroe Street Improvements. David Dupre was the Project Manager. Monroe Street was a State Highway that was to be removed from the State Highway system, upgraded by the State for the City of Mandeville to take over maintenance after road, drainage, and pedestrian upgrades were made by the State. Monroe Street is similar to the Hickory Avenue rehabilitation because after improvements and construction of Hickory, Hickory may be removed from the State Highway system. The Monroe corridor upgrades were also designed to DOTD standards as Hickory Avenue will be.

Meyer's knowledge of Hickory utilities and traffic patterns is critical to the success of the Hickory project and Meyer is uniquely qualified.

Years of hands-on experience have put Meyer among the *region's foremost experts in the design and construction of roadways*. From new construction to resurfacing projects and street rehabilitation programs – we have the skill and experience to design and build *top-quality roadways for any community or project*. Meyer and its team understand the scope for the Hickory Avenue (LA 3154) Rehabilitation (River Road to 10th Street) project to include full reconstruction of approximately 1.4 miles of existing two-lane collector road. We understand the scope will include roadway, pedestrian access, subsurface drainage, and public utility improvements. Meyer is experienced and knowledgeable on *DOTD road reconstruction projects*, including projects for Jefferson Parish and DOTD.

TEC Professional Services Questionnaire

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project. (continued)

Road and drainage projects Meyer has completed for Jefferson Parish include:

- ✿ Holmes Boulevard Road and Drainage Imps. – Phases I and II
- ✿ Oakwood/Terrytown Drainage Improvements
- ✿ Harvey Boulevard (Wall Boulevard to Engineers Road 3017)
- ✿ 18th Street Drainage and Road Improvements
- ✿ Edenborn Avenue Improvements
- ✿ Citrus Boulevard Improvements
- ✿ Churchill Technology & Business Park – Roads and Infrastructure
- ✿ Manhattan Boulevard Phase I-III
- ✿ Loyola Boulevard Improvements
- ✿ Vintage Drive Road Improvements
- ✿ Oakwood Canal – Holmes to Carol Sue
- ✿ Terry Parkway Drainage – Carol Sue to Industry Canal
- ✿ Terrytown Drainage 2009
- ✿ Whitney Avenue Roadway Extension
- ✿ “A” Street Improvements

DOTD Construction Engineering and Inspection (CE&I) projects that Meyer is working on or has completed include:

- ✿ West Esplanade/Clearview Parkway Intersection
- ✿ Power Boulevard Overlay
- ✿ Veterans Boulevard Overlay – Phase I and II
- ✿ Pakenham Drive (LA 46 – LA 49)
- ✿ Country Drive Widening Phase A (Jeff Drive to Presque Isle Drive)
- ✿ St. Charles Avenue (LA Avenue – Calliope Street)
- ✿ Tchoupitoulas Street (Calliope Street – Canal Street)

DOTD design projects completed by Meyer include:

- ✿ Harvey Boulevard (Wall Boulevard to Engineers Road 3017)
- ✿ LA 59: Curve Realign and Tunnel at Trace
- ✿ Howard Avenue Extension (Loyola Avenue – LaSalle Street)
- ✿ LA 431 @ LA 934 Intersection Improvement
- ✿ Route 190 (Junction 433 – US 11)
- ✿ Fremaux Road (U.S. 190 Business) (Slidell)
- ✿ Loyola Boulevard Road Improvements
- ✿ Vintage Drive Road Improvements

Meyer has a *significant amount of design engineering experience with road projects*. For *over sixteen years*, Meyer completed *annual street repair projects* for the City of Mandeville. The *roadway repairs* included *closed ditches, drainage improvements, sidewalks, and utility relocations*. Meyer has reviewed plans and projects for *decades throughout Harahan* including construction documents, studies and calculations for proposed shopping centers, residential subdivisions and public improvements to check for general compliance with the Harahan Subdivision Code of Ordinances. Meyer has *experience coordinating with residents and Harahan City Officials*.



TEC Professional Services Questionnaire

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project. (continued)

2. SIZE OF FIRM

Meyer has staff available to perform the work immediately. Meyer is an Engineering/Architectural firm located in Metairie, Louisiana. Meyer is the continuation of the firm of Hamilton, Meyer and Assoc., Inc. Architect and Engineer. Hamilton, Meyer and Associates was started in 1967 and was dissolved in 1981. Mr. Charles Meyer continued as President of Meyer from 1981 to 1999. Richard C. Meyer was elected President of Meyer in January 2000. In December of 2022, Thompson Holdings purchased Meyer and Mr. Donovan P. Duffy was appointed President of Meyer in January 2024. Meyer currently employs twelve Louisiana Licensed Civil Engineers (five with structural experience and all with site planning experience), one Louisiana Licensed Mechanical Engineer, one Engineer Intern, five Licensed Architects, one Intern Architect, one Planner (Urban & Regional), thirty Construction Inspectors, seven clerical staff, and one CADD Technician.

Meyer Project Team

Our proposed project team is made up of individuals Jefferson Parish's Departments are familiar with. They are Louisiana/Jefferson Parish based with strong ties and commitment to the area and are intimately knowledgeable about the processes and design standards of Jefferson Parish.

David H. Dupre, P.E., Vice President, is a Principal of the firm and licensed Engineer with over thirty-nine years of experience in civil site design, roads, architectural projects, and construction management. Mr. Dupre will be the Project Manager for the contract. He specializes in Project Management and **Infrastructure Design**. He is the Project Manager for the Bainbridge Canal Closure and Roadway Improvements in Jefferson Parish which design is 95% complete. He is knowledgeable of DOTD design standards and was Project Manager for a similar project on Monroe Street in Mandeville.

Donovan P. Duffy, P.E., President, is a Civil Engineer with over twelve years of experience in Civil and Structural Engineering and Construction Management. He has extensive experience leading design and construction administration operations with a diverse range of industries and government entities. He *specializes in* water management and **drainage design**, including hydraulic impact analysis.

Richard C. Meyer, P.E., is Principal of the firm and a **resident of the City of Harahan**, where the project is located. Mr. Meyer is involved with all aspects of administering engineering projects including client contact, cost estimates, design, quality control, contract administration, and contract closeout. He coordinates the Engineering staff and has participated in most facets of Civil Engineering design including structural, sanitary and storm sewerage, roads and bridges, and airport designs.

Jitendra C. Shah, P.E., Vice President, has over fifty-one years of Civil Engineering experience, and is involved in all aspects of administering engineering projects which include client contact, cost estimates, design, construction administration, contract closeout, and preparation of reports and plans and specifications. He participates in most facets of Civil Engineering Design including structural, drainage, sanitary and storm sewerage, water, **roads** and bridges, water and sewerage treatment plants, green infrastructure, drainage and sewerage pump stations, and airport designs. Mr. Shah designed **drainage and utility improvements along Holmes Boulevard** including pavement repairs.

Alex Bienvenu, E.I. grew up in the **City of Harahan** and has recently completed the design for the **Harahan Playground** Little League Fields which included turf installation, fencing, drainage, and striping. He also completed the design for repairing the Harahan Playground fields that were used as a debris transfer site which included clearing and grubbing, fill, grading, and sod. Meyer provided field slopes, swales and drainage design. Mr. Bienvenu has assisted with the **roadway design** for Citrus Boulevard and is currently assisting with the design of the Paillet **Drainage Improvements along State Highway, LA 3257**.

TEC Professional Services Questionnaire

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project. (continued)

Nicole Dunn, P.E. has over ten years of experience and will be the Construction Manager. She has worked for LADOTD for the last ten years, the last seven of which she worked in District 61's PE office, overseeing LADOTD projects in Ascension, Assumption and St. James Parishes totaling over **\$500M worth of road/bridge construction contracts**.

3. CAPACITY FOR TIMELY COMPLETION

Meyer has capacity to take on the Hickory scope and has staff to immediately begin this contract. Meyer is knowledgeable of all the Jefferson Parish contract requirements. The firm has an excellent record of delivering a quality professional service in a timely manner to its public and private clients. Meyer has never been placed in default for not being in compliance with performance schedules. The firm is cognizant of the total project costs and schedules, including architectural, engineering, property acquisition and construction costs. The firm will consider these important factors in the design of the project. The firm has instituted a quality control program. The firm's current work will not conflict with this project. Personnel are available to manage the project and prepared to begin work immediately. *Meyer is completing 95% plans for the Bainbridge Road/Drainage project, which will free up the road design staff's resources.*

4. PAST PERFORMANCE

Meyer has been deeply involved in working with Jefferson Parish on various projects over the past four decades. Meyer has worked on projects involving representatives from the LADOTD, the FHWA, municipal representatives, government officials with the Federal, State and local level, utilities representatives, contractors, and the public. The firm is very familiar with Jefferson Parish standard specifications, practices and design requirements, and understands the needs of the Parish and can work within time and budget constraints. Meyer has a record of providing services in a timely manner.

5. LOCATION OF THE PRINCIPAL OFFICE WHERE WORK WILL BE PERFORMED

Meyer is an Engineering/Architectural firm located in the Metro New Orleans area. Work for this project will be performed at Meyer office located at: **4937 Hearst Street - Suite 1B, Metairie, Louisiana 70001**. Meyer is located within Jefferson Parish and can be at the project site within minutes.

6. ADVERSARIAL LEGAL PROCEEDINGS WITH THE PARISH

Meyer currently has no legal proceedings with the Parish at this time. Past proceedings have been settled and dismissed.

7. PRIOR SUCCESSFUL COMPLETION OF PROJECTS

The following references can attest to the quality of work for street projects of Meyer:

- ✿ Senator Kirk Talbot, Phone: 504.736.7299
- ✿ Representative John R. Illg, Jr. Phone: 504.737.0315
- ✿ Jefferson Parish, Mr. Neil Schneider, Phone: 504.736.6833
- ✿ City of Harahan, Mayor Tim Baudier, Phone: 504.343.7762
- ✿ City of New Orleans, Department of Public Works, Mr. Louis Haywood, Phone: 504.658.8056

TEC Professional Services Questionnaire

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project. (continued)

WHY CHOOSE MEYER?

As previously described, Meyer has completed the design of utilities and roadway improvements and is the best qualified to complete the project for the Parish. Meyer has assembled a team of our most qualified individuals, all of which have extensive Jefferson Parish experience, to provide evaluation, design, bidding and construction administration services to Street Project. The Meyer team brings the following to the project:

- ✦ ***Extremely knowledgeable of utility impacts and traffic issues in the City of Harahan.*** As Meyer is and has been the City of Engineer in Harahan for decades, Meyer has developed relationships with City Officials and residents. Most importantly, Meyer has extensive DOTD and Jefferson Parish road, drainage, and pedestrian access and design experience.
- ✦ ***Meyer also has extensive experience with State elected officials*** who can provide additional funds for Hickory and ancillary projects that the Hickory Avenue rehabilitation could create.
- ✦ ***Experienced Project Manager and Locally Experienced Team*** - Jefferson Parish can expect the Project will be led by our Project Manager, David Dupre, who brings more than 39 years of roadway and drainage design and construction background with the majority being done in the Metropolitan New Orleans area. Mr. Dupre will be assisted by our engineering staff, all of which have worked extensively for Jefferson Parish over the course of the past 20 plus years.
- ✦ ***Project Delivery and Project Management Capabilities*** – At Meyer, we pride ourselves on our design and project management skills as demonstrated by the personal commendation of the clients we serve and the continual repeat business that we receive. We have provided services to municipalities throughout the Metro area that have withstood the test of time and are still admired for the progress that they represented and the benefits they continue to provide today.

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature: 

Print Name: Donovan P. Duffy, P.E.

Title: President

Date: September 5, 2024

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Provide Engineering Services, Hickory Avenue Rehabilitation, Resolution 144734

B. Firm Name & Address:

Bryant Hammett & Associates, LLC
1104 Dealers Avenue
Harahan, LA 70123

C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

Bryant O. Hammett, Jr. PE/PLS
Owner/Manager
bhammett@bha-engineers.com
504-733-8004

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

Hugh McCurdy, III, PLS
Professional Land Surveyor
hmccurdy@bha-engineers.com
504-733-8004

E. Please provide the number of employees whose primary function corresponds with each category:

<u>3</u> Administrative	<u>0</u> Estimators	<u>0</u> Specification Writers
<u>0</u> Architects (Licensed)	<u>1</u> Geologists	<u>0</u> Structural Engineers
<u>0</u> Chemical Engineers	<u>0</u> Geotechnical Engineers	<u>0</u> Graduate Engineers
<u>2</u> Civil Engineers	<u>0</u> Interior Designers	<u>4</u> Project Managers
<u>6</u> Construction Inspectors	<u>0</u> Landscape Architects	<u>3</u> Clerical
<u>0</u> Ecologists	<u>8</u> Land Surveyor	<u>0</u> Grant/Funding Specialist
<u>0</u> Electrical Engineers	<u>0</u> Mechanical Engineers	<u>0</u> Sanitary Engineers
<u>0</u> Engineer Intern	<u>0</u> Environmental Engineers	
<u>3</u> Professional Land Surveyors		<u>30</u> TOTAL

F. Is this submittal by a JOINT-VENTURE? Please check: YES ☐ NO ☒

If marked "No" skip to Section I. If marked "yes" complete Sections G-H.

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.

1.
NOT APPLICABLE

2.

H. Has this JOINT-VENTURE previously worked together? Please check:

YES ☐ NO ☐ NOT APPLICABLE

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. NO SUBCONTRACTORS		
2.		
3.		

J. Please specify the total number of support personnel that may assist in the completion of this Project:

12 _____

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Bryant O. Hammett, Jr.
Professional Engineer/Professional
Surveyor/Owner/Manager

Project Assignment:

Principal and registered professional land surveyor in Louisiana

Name of Firm with which associated:

Bryant Hammett & Associates, LLC

Years' experience with this Firm:

40

Education: Degree(s)/Year/Specialization:

BSCE/1978/Civil Engineering

Active registration: Year first registered/discipline:

1983/Professional Civil Engineer, LA	1996/Environmental Engineering, LA
1985/Professional Land Surveyor, LA	1985/Civil Engineering, MS

Other experience and qualifications relevant to the proposed Project:

Bryant O. Hammett, Jr. P.E./P.L.S. is the sole proprietor and principal of Bryant Hammett & Associates, LLC. He founded in 1984, providing engineering and land surveying services for sewer, water, gas, streets, landfill, and drainage projects for public bodies, as well as for the private sector.

He is a registered Professional Land Surveyor (PLS) and Civil Engineer (PE) in the state of Louisiana

Hammett has been the surveyor of record for numerous types of public works projects, including wastewater collection and treatment; water treatment, transmission and distribution; natural gas distribution and transmission; electrical transmission; oil transmission; off-system bridges; levee systems; construction servitudes; and roadway and drainage.

As infrastructure manager for the Louisiana Office of Community Development's Disaster Recovery Unit, Hammett performed and oversaw professional civil, structural and/or transportation engineering work related to the planning, design, development, construction, and maintenance of projects funded under the LCDBG/DRU program. Such projects included capital improvements, storm water and drainage systems, wastewater systems, potable water systems, natural gas systems, fire protection systems, roads, bridges and utility systems.

Hammett manages a staff of highly qualified, experienced and licensed engineers, surveyors, technicians, cost estimators, GIS managers, certified floodplain managers, administrators, disaster recovery subject matter experts, inspectors, CADD operators and clerical support.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Hugh 'Bud' McCurdy, III Professional Land Surveyor
Project Assignment:
QAQC Manager
Name of Firm with which associated:
Bryant Hammett & Associates, LLC
Years' experience with this Firm:
8
Education: Degree(s)/Year/Specialization:
non-degreed
Active registration: Year first registered/discipline:
1991/Professional Land Surveyor, LA
Other experience and qualifications relevant to the proposed Project:
<p>Mr. McCurdy is a registered land surveyor in Louisiana with over 50 years' experience in land surveying, beginning his career as a rodman in 1973. McCurdy works with multiple engineering consultants throughout Louisiana.</p> <p>He is involved in all aspects of boundary/property surveys for real estate transfer and the surveying required for engineering, rights-of-way acquisition, and construction projects, and is responsible for courthouse research and coordination of work.</p> <p>McCurdy has provided surveying services for oyster leases; pre- and post-dredging; construction projects, pipelines, accident sites, and boundary establishment. He is responsible for supervision of all field crew activities, drafting, property descriptions, plats, and all surveying-related operations.</p> <p>He conducts property surveys to establish rights-of-way, prepares legal descriptions for clients and attorneys. He has designed several subdivisions for development, providing surveys, preparation of plats, providing as-builts on all utilities, layout of sewer and drainage, and staking all utility structures,</p> <p>Mr. McCurdy has extensive experience in all aspects of surveying, including topographic, utility, boundary, hydrographic, ALTA survey, and resubdivisions.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jeff Carey, PLS, CFM Professional Land Surveyor
Project Assignment:
Survey Manager
Name of Firm with which associated:
Bryant Hammett & Associates, LLC
Years' experience with this Firm:
12
Education: Degree(s)/Year/Specialization:
BS/2009/Disaster Management
Active registration: Year first registered/discipline:
2024/Professional Land Surveyor 2010/ASFPM Certified Floodplain Manager 2018/ATSSA Traffic Control Supervisory, Technician, Flagger 2012/Residential Contractor's License
Other experience and qualifications relevant to the proposed Project:
<p>Jeff Carey graduated from LSU in 2009 and began working with BHA in 2012. He is a registered Professional Land Surveyor (PLS.5334)</p> <p>As a surveyor for Bryant Hammett & Associates, Mr. Carey manages field work, collects data in the field and performs field-checking duties at project completion. He manages boundary and topographic surveys and all surveying activity required for engineering, rights-of-way, and construction projects.</p> <p>Carey is involved in the day-to-day management of all field crews and CADD technicians. He develops scopes and budgets for all projects, provides onsite instruction to crews, confers daily with management, and is the overall manager of ongoing projects.</p> <p>He is involved in all aspects of land surveying projects, including legal descriptions and elevation certificates. He has managed several projects from project execution to completion on numerous public works projects including roadway, drainage, sewerage and waterline projects. He also manages levee construction projects, property boundary surveys, cadastral surveys, topographic surveys, utility surveys, differential GPS real time surveys, hydrographic surveys, GPS static surveys for horizontal and vertical control, planimetric surveys, elevation surveys and subdivision layout.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jeff Dumestre, LSI Survey Technician, CADD Drafter
Project Assignment:
Drafting
Name of Firm with which associated:
Bryant Hammett & Associates, LLC
Years' experience with this Firm:
3
Education: Degree(s)/Year/Specialization:
BS/2014/Geomatics
Active registration: Year first registered/discipline:
2022/Land Survey Intern 2022/ATSSA Traffic Control Supervisor, Technician, Flagger
Other experience and qualifications relevant to the proposed Project:
<p>Jeff Dumestre graduated from Nicholls in 2014, where he was President of the Geomatics Student Association. He is a registered Land Survey Intern (LSI.00746) and is a member of the Louisiana National Guard, where he has been a Field Artillery Surveyor and Technical Engineer.</p> <p>He has over 15 years' experience in the land surveying field and is certified in the Small Unmanned Aircraft System (drone), Certification 4535630.</p> <p>As a survey technician, Dumestre has led survey crews in Construction & Industrial Layouts/ Stakeouts, Topographic, DOTD, Drainage, Boundary surveys, Elevation Certificates, Slab surveys, No Work Affidavits, and ALTA surveys. He maintains and calibrates survey equipment, works with the field crews to introduce efficiencies in data collection, and uses drone technology to enhance deliverables.</p> <p>Dumestre provides computer-aided drafting and design for survey projects, including: drainage, roadway, waterline, levee and sewerage projects. He drafts levee surveys; hydrographic and topographic surveys; and rights-of-ways maps. He is proficient in Civil 3D drafting software.</p> <p>He has experience in the drafting required for all public works projects, as well as coastal restoration projects.</p>

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Dickory Avenue Extension (Hickory Ridge Lane to Jefferson Hwy, LA 48) (2020-010-RBP)</p> <p>Jefferson Parish, LA</p> <p>Jefferson Parish Dept of Capital Projects 1221 Elmwood Park Blvd; Suite 906 Jefferson, LA 70123 504-736-6833</p>	<p>BHA performed a topographic, cross-section, and utility survey of a proposed extension corridor connecting Dickory Ave and Jefferson Hwy. Four main control points were established using GPS technology with three 3-hour OPUS Observations to comply with DOTD control recommendations</p> <p>Cross sections were collected within the Dickory Avenue Extension survey corridor from r/w to r/w at 100-foot intervals. All drainage features were collected, as well as drainage inverts. BHA obtained the names and addresses of all companies and individuals who own utility facilities within the area being surveyed</p> <p>A drainage map was developed including drainage patterns, structure sizes and inverts. The drainage map showed the survey line, the outline of the watershed area, and all structures/ditches.</p> <p>All surveying procedures and drafting were in accordance with LA DOTD.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
June 2021	unknown	\$101,540

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Bainbridge Canal Closure and Roadway Improvements (2020-09-RBP)</p> <p>Jefferson Parish</p> <p>Gene Gillen, APTIM 2424 Edenborn Ave. Metairie, LA 70001 504-832-4878</p>	<p>BHA performed a topographic, cross-section, and utility survey an area along the westbound lanes of Veterans Blvd. from Virginia to Bainbridge, then continuing down Bainbridge to the entrance to the Airport, as well as the canal along Bainbridge Avenue for a roadway improvement project.</p> <p>BHA collected topographic features such as culverts, drains, inlets, pavements, trees, utility poles, curbs, heavily wooded areas, vegetation, property lines, driveways.</p> <p>Cross sections were taken along the route and included shots across the drainage canal: top bank, toe of canal, centerline, water elevation, width of canal.</p> <p>All utility features were collected, such as valves, hydrants, meters, utility poles, utility boxes, etc. Manhole inverts for drainage and sewerage lines were obtained in the field for profile information. Apparent right-of-way information was shown.</p> <p>BHA has been providing right-of-way services for this project on an on-going bases.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2024	unknown	\$49,287

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Bonnabel Boulevard Drainage Improvements</p> <p>Jefferson Parish</p> <p>Jefferson Parish Department of Capital Projects 1221 Elmwood Park Blvd; Ste 906 Jefferson, LA 70123</p> <p>504-736-6779</p>	<p>BHA provided topographic, utility, and SUE surveying for this drainage relocation project. For approximately 1.5 miles, all utility information was collected including items such as valves, hydrants, meters, utility poles, utility boxes, overhead electric lines, communication systems, etc, as well as manhole inverts for drainage and sewerage lines.</p> <p>A SUE survey was performed to identify the location of only the 42" Sewer Force main in the grass alley between the intersection of Hesiod Street and the I-10 Service Road.</p> <p>After the best route was determined, BHA completed the surveying for the selected route.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2024	unknown	\$102,212

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Harvey Wastewater Treatment Plan</p> <p>Jefferson Parish</p> <p>Sewerage Department SCIP 1221 Elmwood Park Blvd; Ste 906 Jefferson, LA 70123</p> <p>504-736-6661</p>	<p>BHA provided a topographic, cross-section, and utility survey for a force main project. Surveying took place along 10th Street, Broadway and Lapalco Boulevard, over 13,450 linear feet.</p> <p>Topographic features such as culverts, drains, inlets, pavements, bushes, trees, perimeter outlines of heavily wooded areas, vegetation, utility poles, overhead electric, fences, curbs, driveways, etc. were collected.</p> <p>Cross sections data was collected at 200-foot intervals along the roadway and canal crossings.</p> <p>All utility features were surveying, including pipe and invert information, as applicable.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March 2023	unknown	\$105,455

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Avenue A. Drainage Improvements (2022-012-DR)</p> <p>Jefferson Parish</p> <p>Jefferson Parish Dept of Capital Projects 1221 Elmwood Park Blvd; Suite 906 Jefferson, LA 70123</p> <p>504-736-6833</p>	<p>BHA provided a topographic, utility, and right of way survey of Avenue E and the intersecting side streets Iona, Hector, Betz, Vincent, and Stella, including outfall pipes in the 17th Street Canal and the overhead transmission line to aid in future drainage improvements.</p> <p>The retaining wall structure along the 17th St. Canal at the proposed outfall area was identified.</p> <p>Manhole inverts for drainage and sewerage lines were obtained in the field. BHA performed the necessary research and field work to identify the right-of-way along each street included within the project limits.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2022	unknown	\$50,530

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Metairie Road Decorative Street Lighting</p> <p>Jefferson Parish</p> <p>Jefferson Parish Engineering Dept. 1221 Elmwood Park Blvd. Ste 802 Jefferson, LA 70123</p> <p>504-736-6500</p>	<p>BHA is currently providing surveying for improvements to the lighting along Metairie Road from Bonnabel to Severn Ave (approximately 7,000 linear feet.</p> <p>BHA is collecting all topographic features in the roadway, including utility poles with lights. All utility features will be collected, including elevations on top of bolts on water valves and invert information for drainage and sewer lines.</p> <p>BHA will show apparent right-of-way lines and apparent property lines on the survey based on field evidence, lines of occupation, and the Jefferson Parish GIS maps</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2024	unknown	\$55,915

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Veterans Memorial Blvd. Multi-Use Path</p> <p>Jefferson Parish</p> <p>Jefferson Parish Dept of Capital Projects 1221 Elmwood Park Blvd; Suite 906 Jefferson, LA 70123</p> <p>504-736-6833</p>	<p>BHA performed a topographic, cross-section, and utility survey along the Southern half of Veterans Memorial Blvd. from the Soniat Canal to Downs Blvd.</p> <p>A baseline was established along the survey route, and points were set with ½" iron rods and referenced by 3-point ties to topographic features in the area.</p> <p>Topographic features that were visible and accessible were surveyed within the survey limits to identify the northing, easting, and elevation value for each data point. Cross sections data every 50 feet was collected, and visible and accessible utility features were surveyed and mapped.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	unknown	\$30,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Veteran's Blvd. Resurfacing Project</p> <p>Kenner, LA</p> <p>City of Kenner, Jose Gonzalez 1610 Rev. Richard Wilson Drive Kenner, LA 70062</p> <p>504-468-7240</p>	<p>BHA provided a topographic and cross section survey of Eastbound and Westbound Veterans Blvd. from Williams Blvd. to Roosevelt Blvd in Jefferson Parish, Louisiana.</p> <p>BHA collected topographic information including existing handicap ramps, existing curbs, traffic signal loop detectors, associated junction boxes, and truck turnarounds. One cross section per block between gutter lines was collected.</p> <p>Items such as drainage or sewer structures that fall within the survey limits, edge of road to edge of road, were collected. Gutter line elevations were collected in front of all existing catch basins and drainage structures.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2024	unknown	\$35,595

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Oakwood Area Sidewalk Enhancements and Wright Avenue Improvements</p> <p>Jefferson Parish</p> <p>Jefferson Parish Dept of Capital Projects 1221 Elmwood Park Blvd; Suite 906 Jefferson, LA 70123</p> <p>504-736-6833</p>	<p>BHA provided surveying for sidewalk improvements of an area along Whitney Avenue, the Westbank Expressway, and Terry Parkway in Gretna</p> <p>Topographic features were collected, including cross-section every 100 feet, as well as utility features such as meters, power poles, valve boxes, manhole tops, telephone pedestals and fire hydrants. A Digital Terrain Model surface (DTM) was developed using the data points obtained during the cross-section surveys.</p> <p>The survey was later extended to include Northbound Wright Avenue between Hector Ave. and Terry Pkwy</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	unknown	\$47,089

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Perrilloux Road Improvements</p> <p>St. Tammany Parish</p> <p>St. Tammany Parish Government 21454 Koop Drive Mandeville, LA</p> <p>985-898-2520</p>	<p>BHA is part of a team providing professional services for the Perrilloux Rd. Improvements project. Work includes roadway improvements (pavement resurfacing/replacement), subsurface drainage installation, and intersection improvements along Perrilloux Rd. The project length is 2.3 miles from Hwy 1085 to LA Hwy 22.</p> <p>Surveying required includes topographic surveying, boundary survey of the right of way and adjoining property lines, and right of way mapping to facilitate acquisition. Flood zone information was shown on the plat.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2024	\$8MM (est)	\$102,650

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. NOT APPLICABLE	NOT APPLICABLE	

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.

1. Professional Training and Experience :

Bryant Hammett & Associates, LLC (BHA) is a Louisiana-based firm specializing in civil engineering, land surveying, disaster management, and construction supervision. Established on August 1, 1984, BHA has expanded from a small four-member team to over 30 employees, serving both governmental and private clients across the Gulf South region. Our offices are strategically located in Jefferson, East Baton Rouge, Plaquemines, and Concordia parishes.

With over 40 years of experience, BHA has been a cornerstone in providing comprehensive civil engineering and land surveying services throughout Louisiana. Our registered professionals have decades of experience in public works projects including sewerage, water, roadway and drainage projects.

BHA employs professional civil engineers, professional land surveyors, a land surveyor-in-training, certified floodplain managers, a certified public accountant, draftsmen, construction managers and inspectors, and several support and administrative personnel. (see resumes)

2. Size of Firm

Bryant Hammett & Associates has grown from a small four-member firm in 1984 to 30 full-time employees today.

BHA employs two licensed Professional Engineers, three licensed Professional Land Surveyors, one licensed Land Survey Intern, a civil engineer (not licensed), multiple survey field crews, HMGP Subject-Matter Experts, several construction managers and inspectors, as well as multiple support staff. BHA's CADD Technicians have over 40 years of combined experience in producing 3D planimetric drawings, topographic and contour maps, right-of-way maps, boundary plats, cross section diagrams and field data points.

3. Capacity for Timely Completion:

Based on current and projected project workloads and schedules, BHA has the capacity to allocate necessary resources and manpower promptly. We currently have professional and support personnel readily available to deliver required services and can initiate them upon authorization to proceed. Our flexible staffing model allows us to scale up or down as needed for both large and small task orders.

No project in which BHA has been involved has been jeopardized because of failure to meet schedules. BHA has not been involved in any projects that were jeopardized because of cost overruns, or because inadequate designs were rejected by parish, state, or federal review agencies.

TEC Professional Services Questionnaire

4. Past Performance on Parish Contracts

BHA has been providing professional services to Jefferson Parish since 2012.

BHA routinely provides surveys directly to Jefferson Parish through our As-Needed Surveying contract. 2024 surveying projects include Fagot & Metairie Lawn Lift Station; Colonial Club Drainage Ditch; Metairie Road Decorative Street Lighting; Harvey WWTP; and BHA has completed over 16 surveys for the current Waterline Replacement Program with nine additional in contracting.

BHA is currently providing professional services for the Parish-wide Manhole Assessment and Lining Program, Phase 1 and 2.

Jefferson Parish has actively participated in HMGP and HMA Funding since 2006. BHA personnel have been involved with Jefferson Parish in over \$258 million in funding grants for the home elevation program, in response to Hurricanes Katrina, Rita, Gustav, Ike, Isaac, and Ida in the cities of Kenner, Gretna, Harahan, Westwego, Grand Isle, Jean Lafitte, Metairie, Marrero, River Ridge, Harvey, Barataria.

BHA recently managed Jefferson Parish's Disaster Recovery Homeowner Repair Program for Residential Properties through the Office of Community Development, where the construction supervision of approximately 160 individual properties was managed, including the monitoring of plans and construction to ensure compliance with applicable federal, state, and local guidance.

5. Location of Principal Office

All work will be performed out of our Harahan, LA office.

6. Litigation between the Public Entity and Firm:

BHA has no prior, on-going, or anticipated litigation with Jefferson Parish

7. Prior successful completion surveys for roadway projects

BHA surveyors bring extensive expertise in roadway surveying, essential for designing and enhancing road infrastructure. Our team has conducted comprehensive surveys for complete roadway designs, including grading plans, road alignments, and pavement structures. We perform detailed topographic surveys to capture terrain, roadways, existing pavements, curbs, culverts, and surrounding utilities. These surveys support the development of precise roadway designs, grading plans, and other infrastructure improvements by providing accurate data on ground elevations, slopes, and existing road features.

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature:  Print Name: Bryant Hammett, Jr. P.E./P.L.S.

Title: Owner/Manager Date: August 30, 2024

Technical Evaluation Committee (TEC) Questionnaire
Instructions

- The Technical Evaluation Committee (TEC) Questionnaire shall be used for professional services related to architecture, engineering, or survey projects.
- **The TEC Questionnaire should be completely filled out. Complete and attach ALL sections. Insert “N/A” or “None” if a section does not apply or if there is no information to provide.**
- Questionnaire must be signed by an authorized representative of the Firm. Failure to sign the questionnaire shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- All subcontractors must be listed in the appropriate section of the Questionnaire. Each subcontractor must provide a complete copy of the TEC Questionnaire, applicable licenses, and any other information required by the advertisement. Failure to provide the subcontractors' complete questionnaire(s), applicable licenses, and any other information required by the advertisement shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- If additional pages are needed, attach them to the questionnaire and include all applicable information that is required by the questionnaire.

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Hickory Avenue (LA 3154) Rehabilitation (River Road to 10th Street) Professional Engineering Services Related to the Design and Construction (Resolution No. 144734)

B. Firm Name & Address:

The Beta Group Engineering and Construction Services, LLC
1428 1/2 Claire Ave
Gretna, LA 70053

C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

Alex Jaramillo, P.E.
Geotechnical Engineer
alexj@betagroupgc.com
504-227-2273

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

Alex Jaramillo, P.E.
Geotechnical Engineer
alexj@betagroupgc.com
504-227-2273

E. Please provide the number of employees whose primary function corresponds with each category:

<u>4</u> Administrative	<u>1</u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u>2</u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>1</u> Civil Engineers	<u> </u> Interior Designers	<u>4</u> Project Managers
<u>15</u> Construction Inspectors	<u> </u> Landscape Architects	<u>3</u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>1</u> Engineer Intern	<u> </u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u>31</u> TOTAL

F. Is this submittal by a JOINT-VENTURE? Please check: YES ☐ NO ☒

If marked "No" skip to Section I. If marked "yes" complete Sections G-H.

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.		
1.		
2.		
H. Has this JOINT-VENTURE previously worked together? Please check: YES <input type="radio"/> NO <input type="radio"/>		
I. List all subcontractors anticipated for this Project. Please note that <u>all subcontractors must submit a fully completed copy of this questionnaire</u>, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.		
Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1.		
2.		
3.		
J. Please specify the total number of support personnel that may assist in the completion of this Project: _____		

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Murray White
President/ Quality Assurance

Project Assignment:

Quality Assurance

Name of Firm with which associated:

The Beta Group Engineering and Construction Services

Years' experience with this Firm:

27 years with The Beta Group

Education: Degree(s)/Year/Specialization:

1991-1994, coursework, University of Mississippi
1994-1995, coursework, Nicholls State University

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Mr. White has served as President of Beta since 1999. In his years with the firm, he established and maintained an appropriate quality assurance program at various levels of the organization. He has performed all required inspections and tests to maintain quality control and assure compliance to specifications, codes, and standards on multiple projects. Further, Mr. White established and maintained equipment calibration procedures and records, and provided detailed inspection procedures for various projects. In his career, Mr. White served as a Field Technician with another firm. He performed all necessary inspections and tests required to maintain quality control and assure adherence to project specifications, codes, and standards. He also dispatched inspectors to requested project sites to perform numerous tasks for contractors

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Alex Jaramillo, P.E.
Project Assignment: Geotechnical Engineer
Name of Firm with which associated: The Beta Group Engineering and Construction Services
Years' experience with this Firm: 11 with The Beta Group 16 with other firms
Education: Degree(s)/Year/Specialization: B.S./1999/Civil Engineering, University of New Orleans
Active registration: Year first registered/discipline: 2011, Civil Engineering, Louisiana No. 36324
Other experience and qualifications relevant to the proposed Project: Mr. Jaramillo is responsible for: All geotechnical activities including performing subsoil explorations, completion of soils laboratory testing, geotechnical analyses for projects and completion of the geotechnical report; Preparation, presentation and management of scope, budget, and work plan; Review daily field inspection reports for accuracy and completeness; Monitor the soil laboratory activities; Coordinate logistics; Supervise and interpret field & laboratory testing/data for use in engineering analyses; Ensure services provided are technically satisfactory and effective; Monitor that the project goals and quality objectives are being provided; Responsible for routine communication with client during the project; Prepare and review technical reports and ensure on-time delivery.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Benjamin Kempton Project Manager
Project Assignment: Geotechnical Project Manager
Name of Firm with which associated: The Beta Group Engineering and Construction Services
Years' experience with this Firm: 13 years with The Beta Group
Education: Degree(s)/Year/Specialization: N/A
Active registration: Year first registered/discipline: N/A
Other experience and qualifications relevant to the proposed Project: Mr. Kempton has over 13 years of experience in the Geotechnical Investigation field. In his time at The Beta Group, he has served as the Geotechnical Project Manager and is responsible for the following: all Geotechnical activities including performing subsoil explorations, preparation, presentation and management of scope, budgets and work plan, coordinating logistics such as staffing and sub-consultants, ensuring services provided are technically satisfactory and effective, monitor that project goals and objectives are being provided, routine communication with clients during duration of projects, supervise, train, and mentor personnel in company procedures, prepare technical reports and ensure on-time delivery of the reports, troubleshoot project issues and conflicts.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Hannah Jenkins, E.I. Project Engineer
Project Assignment: Project Engineer
Name of Firm with which associated: The Beta Group Engineering and Construction Services
Years' experience with this Firm: 3 years with The Beta Group
Education: Degree(s)/Year/Specialization: B.S./2022/Civil Engineering, University of New Orleans
Active registration: Year first registered/discipline: 2022, Civil Engineering, Louisiana No. 0035175
Other experience and qualifications relevant to the proposed Project: Ms. Jenkins has worked as a Geotechnical Engineer since May of 2022 after completing her Internship which began September 2021. In her time at The Beta Group she performs analyses including, but not limited to Deep Foundation Design, Lateral Pile Analyses, Pavement Design, Seepage Analyses, Settlement Analyses, Sheet Pile Analyses, Slope Stability, Time Rate Analyses. She has worked with a variety of clients to perform analyses under the respective standards and regulations required at State and Local levels. She also writes proposals, fee schedules, and reports to be delivered to clients. To prepare reports and perform various analyses, she has gained experience with gINT and other geotechnical programs. She also has hands-on experience testing materials in the Materials Testing Lab and logging soil samples in the field.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Edward Lazier	
Project Assignment:	
Senior Driller	
Name of Firm with which associated:	
The Beta Group Engineering and Construction Services	
Years' experience with this Firm:	
11 with The Beta Group 9 with other firms	
Education: Degree(s)/Year/Specialization:	
N/A	
Active registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<p>Mr. Lazier conducts and oversees the site investigation/ geotechnical drilling. He also maintains a water well contractor's license through the Louisiana Department of Energy and Natural Resources. Mr. Lazier has overseen drilling operations for various projects including roadways, marshes, and wooded areas.</p>	

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.		
PROJECT NO. 1		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Roadway Borings (Meraux Business Park) Park 1 (Chalmette, LA)</p> <p>St Bernard Parish Government (Dept. of Public Works) 1125 East St. Bernard Hwy. Chalmette, LA 70043</p>	<p>The Beta Group (TBG) explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took three undisturbed soil borings to a depth of 6 ft. below the ground surface in the general area of the proposed project. These bores were obtained from both a truck mounted and ATV mounted rig. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. TBG provided design recommendations for roadway thickness and base material.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
2021	Entire Project:	Work for which Firm was Responsible:
2021	Jefferson Parish	\$2,500

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Drainage Improvements (Carville, LA)</p> <p>Meyer Engineers 4937 Hearst St Suite 1B Metairie, LA 70001</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took two undisturbed soil borings to a depth of 30 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. Design recommendations were given for bedding and backfill material and compaction. Recommendations were also given for construction excavation, pavement and its base material, and construction quality control.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
2021	Entire Project:	Work for which Firm was Responsible:
2021	Jefferson Parish	\$4,500

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Proposed Parking Lot & Roadway (Belle Chasse Primary School) (Belle Chasse, LA)</p> <p>Meyer Engineers 4937 Hearst St Suite 1B Metairie, LA 70001</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took 8 undisturbed soil borings up to a depth of 50 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. The following analyses were performed: deep foundation, pile load capacities, and lateral pile. Design recommendations were given for asphalt pavement and roadway including base and subbase material and compaction. Construction quality control measures were also recommended.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022		\$7,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Roadway Borings (Terry Parkway from US90B to LA Hwy 23) (Terrytown, LA)</p> <p>Jefferson Parish Capital Projects 1221 Elmwood Park Blvd. Suite 906 Harahan, LA 70123</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took seven undisturbed soil borings up to a depth of 10 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. Based on the lab results, pavement and base material design recommendations were provided.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022		\$13,000

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Roundabout (Slidell, LA)</p> <p>Meyer Engineers 4937 Hearst St Suite 1B Metairie, LA 70001</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took seven undisturbed soil borings up to a depth of 50 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. Design recommendations were given pavement thickness, base course material and compaction. Shallow foundation and estimated settlement analyses was also performed based on boring and laboratory test data. Recommendations in the following areas were also provided: pipe bedding and backfill, geotextile fabric, site preparation, and construction quality control.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022		\$10,900

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Drainage Improvements (Metairie, LA)</p> <p>Jefferson Parish Sewerage Dept. 1221 Elmwood Park Blvd. Suite 803 Harrahan, LA 70123</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took two undisturbed soil borings to a depth of 50 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. Based on borings and laboratory results, analysis for a proposed sheet pile wall were provided. Construction quality control recommendations were also provided.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023		\$5,900

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Lift Station (Madisonville, LA)</p> <p>Meyer Engineers 4937 Hearst St Suite 1B Metairie, LA 70001</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took one undisturbed soil borings to a depth of 60 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. Based on details of the proposed project and laboratory results, design recommendations for the lift station were provided. Additional analyses performed include: soil bearing capacity, estimated settlements, volumetric change. Recommendations for bedding material, construction excavation, dewatering, and construction quality control were also provided.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023		\$4,200

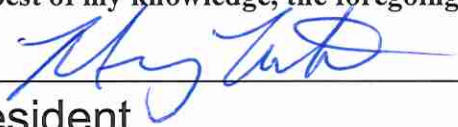
PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Sylvia Estates Pump Station (Violet, LA)</p> <p>Meyer Engineers 4937 Hearst St Suite 1B Metairie, LA 70001</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took two undisturbed soil borings to a depth of 100 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. Based on borings and laboratory results, deep foundation analysis was performed which included pile load capacities, estimated settlement, and pile driving. Design recommendations were made for a sheet pile wall, roadway thickness and base material, and geotextile fabric.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023		\$17,500

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Pavement and Drainage Improvements (Jefferson LA)</p> <p>All South Consulting Engineers 652 Papworth Ave Metairie, LA 70005</p>	<p>The Beta Group explored the subsurface conditions and provided geotechnical design recommendations for the project, site preparation, and quality control measures. The drill crew took one undisturbed soil borings to a depth of 20 ft. below the ground surface in the general area of the proposed project. The bore sample underwent the following laboratory tests: Atterberg limits, unconfined compression tests, unit weight determination, natural moisture content, sieve analysis. Based on the boring and laboratory results, a soil bearing capacity analysis was done and bedding, backfill, and geotextile recommendations were made. Recommendations for site preparation, quality control, roadway, and pavement were also given.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023		\$6,400

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Proposed Roadway Borings (Tammany Terrace Subdivision) 20-1813A Phase #A/B (Covington, LA)</p> <p>Meyer Engineers 4937 Hearst St Suite 1B Metairie, LA 70001</p>	<p>The purpose of the Geotechnical Investigation was to explore subsurface conditions and provide recommendations for the geotechnical design of four new roadways and the extension of an existing roadway within the existing Tammany Terrace Subdivision. A total of five undisturbed soil borings were drilled and laboratory tests were conducted. The following tests were done on the soil bores: Atterberg limits, unconfined compression tests, natural moisture content, and unit weight determination. Design considerations for the roadway and construction recommendations were made to the contractor. The Beta Group made engineering and construction recommendations in the following areas, pavement, asphalt, geotextile fabric, volumetric change of soils, earthwork site preparation and quality control, and construction quality control.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024		\$3,600

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.		
Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A	N/A	N/A
2.		
3.		
4.		
N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.		
<p>The Beta Group (TBG) has provided geotechnical investigations for over 10 years throughout the Greater New Orleans Area for a large variety of projects. TBG has the ability to drill soil bores in roadways, grassy fields, wooded areas, marshes, and open water. All drilling operations are conducted and supervised by experienced drillers and project manager.</p>		
O. To the best of my knowledge, the foregoing is an accurate statement of facts.		
Signature: <u></u> Print Name: <u>Murray White</u>		
Title: <u>President</u> Date: <u>08/ 28 /2024</u>		

A. Project Name and Advertisement Resolution Number:

Hickory Avenue (LA 3154) Rehabilitation (River Road to 10th Street) Professional Engineering Services Related to the Design and Construction

B. Firm Name & Address:

**Urban Systems, Inc.
2000 Tulane Ave, Suite 200
New Orleans, LA 70112**

C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

**Alison Catarella Michel
President / Transportation Engineer
acmichel@urbansystems.com
504-569-3958**

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

**Alison Catarella Michel
President / Transportation Engineer
acmichel@urbansystems.com
504-569-3958**

E. Please provide the number of employees whose primary function corresponds with each category:

<u>2</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u>1</u> Graduate Engineers
<u>5*</u> Civil Engineers	<u> </u> Interior Designers	<u> </u> Project Managers
<u> </u> Construction Inspectors	<u> </u> Landscape Architects	<u> </u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u>5</u> Other
<u>1</u> Engineer Intern	<u> </u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u>10</u> TOTAL

*Also function as Transportation Engineers

2 Civil Engineers have active Professional Transportation Operations Engineers Certifications (PTOE)

1 Civil Engineers have active Road Safety Professional Certifications (RSP₂₁) and has an active Professional Transportation Planning Certification (PTP).

F. Is this submittal by a JOINT-VENTURE? Please check: YES NO ✓

If marked "No" skip to Section I. If marked "yes" complete Sections G-H.

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.

1. N/A

2. N/A

H. Has this JOINT-VENTURE previously worked together? Please check:
YES _____ NO ☒

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. Urban Systems, Inc. 2000 Tulane Ave. Suite 200 New Orleans, LA 70112	Traffic Engineering	Yes
2.		
3.		

J. Please specify the total number of support personnel that may assist in the completion of this Project:

5

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Alison Catarella Michel, P.E., PTOE, PTP, RSP_{2i}

Project Assignment:

Principal In Charge of Transportation Engineering

Name of Firm with which associated:

Urban Systems, Inc.

Years' experience with this Firm:

23 years

Education: Degree(s)/Year/Specialization:

BS / 1997 / Civil Engineering

Active registration: Year first registered/discipline:

2002 / Professional Traffic Operations Engineer / No. 1023

2002 / Civil Engineering / Louisiana / No. 30261

2017 / Professional Transportation Planner / No. 626

2018 / Road Safety Professional / No. 115

2023/ Road Safety Professional Infrastructure/ No. 148

Other experience and qualifications relevant to the proposed Project:

SKILLS:

Ms. Michel has over twenty-five (25) years' experience in Traffic Engineering and Transportation Planning. Ms. Michel has extensive design experience that includes permanent and temporary traffic signals, traffic control devices for work zones, intelligent transportation systems, signage, and striping. She has supervised traffic studies for a multitude of complete streets projects with a focus on improving pedestrian safety. She has designed pedestrian signals for almost every circumstance that has included fixed time coordinated systems in a downtown environment with pedestrian only phases, actuated pedestrian signals with and without pedestrian refuges and mid-block hybrid beacons. Ms. Michel's designs of pedestrian signals have been focused on identifying phasing sequences to encourage pedestrian compliance which is a key factor that affects safety. She is proficient in microscopic simulation modeling using VISSIM and CORSIM and also in analysis programs such as Highway Capacity Software (HCS), Synchro, Tru-Traffic and SIDRA.

PROFESSIONAL IN CHARGE OF PROJECT:

Other experience and qualifications relevant to the proposed Project:

ALISON CATARELLA MICHEL PAGE 2

EXPERIENCE:

Westbank Expressway at Whitney Ave Signal Modifications Jefferson Parish, LA Oct 2020 – Oct 2021

Ms. Michel oversaw the design of signal modifications at the intersection of Westbank Expy and Whitney Ave. The signal modifications were required to accommodate a new multi-use path crossing at the southern portion of the intersection. The design included audible push button activation for a pedestrian phase to run concurrently with the existing phasing. This required calculating pedestrian clearance times and developing timing plans conducive to pedestrian compliance. Ms. Michel also performed QA/QC to ensure the design met DOTD standards.

Manhattan Signal Controller Upgrades, Jefferson Parish, LA, Dec 2018 – May 2019

Traffic signal modification plans for eleven (11) intersections along the Manhattan Boulevard corridor in Jefferson Parish, Louisiana were prepared in accordance with Jefferson Parish and Manual on Uniform Traffic Control Devices (MUTCD) standards. The modifications included controller component upgrades, video detection and pedestrian accommodations at select intersections. During the project Ms. Michel offered her technical expertise from over seventeen (17) years of designing traffic signals and preparing technical specifications for Jefferson Parish.

Jefferson Parish Traffic Engineering Services on an As-Needed Basis July 2008-Oct 2014

Ms. Michel was project manager for Traffic Signal System District 4 Signal Upgrades. The intersections included Veterans Memorial Boulevard at Green Acres Road, David Drive at West Metairie Avenue, Transcontinental Drive at West Metairie Avenue and Lynette Drive at David Drive. Traffic signal design plans and specifications were prepared based on Jefferson Parish standards. The construction costs were estimated and a bid tab prepared. Under Ms. Michel's direction, USI staff assisted with contractor selection and construction administration by holding pre-bid and pre-con meetings, performing resident inspections including daily logs, reviewing contractor invoices and conducting final inspections. Ms. Michel also coordinated with DOTD and prepared required DOTD forms for documentation as required due to federal funding for the construction.

Bike Paths in Jefferson Parish, Jefferson Parish, LA, Dec 2008 – Jun 2009

Ms. Michel developed a design for bike paths in Jefferson Parish, especially to connect the Lake Pontchartrain Bike Path to the Mississippi River Levee Bike Path. She identified the bike path by conducting field investigations to identify alternate routes, after which she prepared maps and pro/con lists for alternate routes. She presented the alternate routes to appropriate agencies and conducted public meetings for input. She led the team that developed required improvements along the chosen route to include, but not be limited to, striping, signage, pavement repair (potholes, asphalt overlay, concrete panel replacement) and/or signalization. This required collecting field measurements, developing construction plans, preparing cost estimates, and conducting public meetings. She developed the technical plans and specifications for the letter bid package which Jefferson Parish used to advertise, let and award the contract.

Ochsner Health System, Main and West Campus Traffic Impact Analysis, Jefferson Parish, LA, 2015 – 2017

As the Principal in Charge for Urban Systems Ms. Michel supervised the preparation of a Traffic Impact Analysis for Master Plan Improvements at Ochsner's Main Campus and Phase 1 the West Campus. Ms. Catarella-Michel supervised vehicular and pedestrian data collection efforts, developed trip generation estimates, assisted in existing conditions and design year traffic analyses and quality control checking of the report documents.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Nicole H. Stewart, P.E., PTOE
Project Assignment:
Transportation Engineer
Name of Firm with which associated:
Urban Systems, Inc.
Years' experience with this Firm:
18 years
Education: Degree(s)/Year/Specialization:
BS / 2004 / Civil Engineering BS / 2004 / Physics
Active registration: Year first registered/discipline:
2009 / Civil Engineering / Louisiana / No. 34750 2012 / Professional Traffic Operations Engineer / No. 2923
Other experience and qualifications relevant to the proposed Project:
SKILLS: Ms. Stewart has eighteen (18) years of experience in Traffic and Transportation Engineering and is a certified Traffic Control Design Specialist. Ms. Stewart has extensive experience in preparing Transportation Management Plans and site-specific traffic control devices plans for every possible environment. This includes closing downtown streets with bike lanes and sidewalks, suburban road closures on multilane highways, and rural road closures requiring extensive detours as well as ramp and interstate closures, both intermittent and long term. Ms. Stewart has designed numerous traffic signals with and without pedestrian accommodations. She has conducted safety studies for public and private clients to improve pedestrian mobility and safety in areas with high volumes of pedestrian activity. Ms. Stewart has experience in signal design and timing of coordinated systems for LADOTD. She has experience using Highway Capacity Software (HCS), Synchro, and SIDRA.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Other experience and qualifications relevant to the proposed Project:

NICOLE H. STEWART PAGE 2

EXPERIENCE:

Severn Ave: Veterans to W. Esplanade, Jefferson Parish, LA, Mar 2018 – Aug 2019

Ms. Stewart was the traffic engineering project manager of this Jefferson Parish roadway reconstruction project. Severn Ave is a heavily travelled multi-lane boulevard requiring complex construction sequencing. Design plans were developed for temporary signals during construction and the permanent signal configurations with pedestrian accommodations. Signal plans were developed using the latest LADOTD TSI format. Ms. Stewart also managed the temporary traffic control plan development for multiple phases of construction, and she performed QA-QC. Another element of this project was coordination with Jefferson Parish and LADOTD to obtain approval of the Parish's equipment and specifications for use in the LADOTD bidding process.

MacArthur Interchange Completion Phase II TMP, Jefferson Parish, LA, Nov 2012 - Current

The design team was led by Ms. Stewart for the preliminary traffic signal design and The Traffic Management Plan (TMP) for proposed interchange modifications on US 90 (Westbank Expressway). Tasks for this work include conducting capacity analysis, safety analysis, detour analysis and developing proposed mitigations where applicable. Ms. Stewart was responsible for the QA/QC for this stage of the project. Final design for this project began in September 2019.

Florida Boulevard, East Baton Rouge Parish, LA, Feb 2021- ongoing

Ms. Stewart oversaw the traffic study to identify improvements for pedestrian access along US 190 (Florida Blvd) from N. 22nd St to 1,140 feet east of N. Beck Street. Ms. Stewart conducted site observations and geometric field checks to document existing conditions to identify concerns that affect pedestrians and cyclists. Ms. Stewart conducted QA/QC of the safety study that involved the review of more than 150 crash reports. Ms. Stewart assisted with identifying potential alternatives to improve pedestrian and bike accommodation along the US 190 corridor. The traffic Study was approved, and design of the signalization is the next task.

Clearview Parkway at West Esplanade, Jefferson Parish, LA, May 2006 – Nov 2010

For the Clearview Parkway and West Esplanade Avenue Intersection Improvement project, Ms. Stewart prepared permanent traffic signal plans including locations for controller, mast arms, signal heads, power source, signs and vehicle detection and interconnect. She also prepared the Traffic Control Devices and Detour Plans to facilitate traffic through the phases of construction.

Carrollton Intersection - Carrollton and Palmetto/Washington Streetscape, New Orleans, LA, Nov 2008- Nov 2012

Ms. Stewart was the lead engineer on the Carrollton and Palmetto/Washington Streetscape Project for the City of New Orleans. For this project, corridor enhancements were designed including pedestrian surface walkway improvements; bikeways; traffic and pedestrian signalization; vehicular and pedestrian signage; landscaping, lighting, public art, pocket park improvements; minor improvements to curb and gutter, sidewalks, and street surface; minor drainage modifications and improvements; ADA compliant ramps and bus stop relocations. The project entailed Schematic Design, Topographical Survey, Environmental Study, Preliminary and Final Designs, Construction Management, and Community Meetings. Ms. Stewart managed the staff that conducted the analysis and performed QA/QC.

Williams Boulevard Floodgate, Jefferson Parish, LA Sept 2011- Feb 2012

The design of Traffic Control devices Plans including haul routes were prepared for the two phased closure of Williams Boulevard at the Lake Pontchartrain Levee Floodgate by Ms. Stewart. The plans were prepared in accordance with Jefferson Parish and MUTCD Standards. Once the plan was implemented MS. Stewart conducted inspections.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Christine M. Darrah, P.E.
Project Assignment:
Transportation Engineer
Name of Firm with which associated:
Urban Systems, Inc.
Years' experience with this Firm:
9 years
Education: Degree(s)/Year/Specialization:
BS / 1994 / Civil Engineering
Active registration: Year first registered/discipline:
1999 / Civil Engineering / Louisiana / No.28528
Other experience and qualifications relevant to the proposed Project:
SKILLS: Ms. Darrah has experience in Transportation/Civil Engineering including maintenance of traffic, roadway design plans and specifications, construction management and quality control. She is proficient in the use of AutoCAD, Adobe Illustrator, and Highway Capacity Software (HCS). She also has experience using MicroStation and TransCAD. She has experience developing temporary striping and signage plans for various conditions including lane closures, road closures, flagging operations and full detour plans. Ms. Darrah has prepared traffic signal design plans in LADOTD format. She has been involved in timing/phasing analysis, Data Collection, Safety studies, Crash Data Analysis, and Bike/ Pedestrian accommodations. Her many years and wide variety of experiences are valuable during studies, design development and QA/QC.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Other experience and qualifications relevant to the proposed Project:***CHRISTINE M. DARRAH PAGE 2***EXPERIENCE:****Williams Traffic Signals**, Jefferson Parish, LA May 2020-Dec 2022

Ms. Darrah assisted with the design of signal modifications for three coordinated signals. She was tasked with developing coordination plans, equipment layouts, wiring diagrams, and quantities. The traffic signal plans were prepared using the latest LADOTD TSI format. Other tasks included the addition of pedestrian accommodations including walk/ don't walk signal heads and audible push buttons.

I-10/Loyola Environmental Assessment Interchange Improvements, Jefferson Parish, LA Mar 2016- Jan 2019

Ms. Darrah assisted the project team that prepared an Interchange Modification Report for MSY International Airport from I-10. The interchange was recommended to be improved based on the relocation of the airport terminals which will divert traffic through this interchange. Ms. Darrah tasks included working on presentations used for three public outreach events, performing QA/QC for traffic volumes, and preparing the Data Collections Report.

Barataria Right Turn Lane at Wichers, Jefferson Parish, LA Oct 2022- ongoing

As Project Manager, Ms. Darrah is overseeing the collection of count and observation data, capacity analysis, warrants, and crosswalk study. She will collaborate with Jefferson Parish and LADOTD to prepare and finalize a report of findings and identify recommended signal phasing and timing adjustments.

FEMA Recovery Roads Program, New Orleans, LA Mar 2013 – ongoing

Ms. Darrah assisted with the design plans for the initial phase of roadway plans for the Seventh Ward, Bayou St John and Fairgrounds neighborhoods that were damaged by events related to Hurricane Katrina. Plans were prepared for partial and full concrete and asphalt pavement replacement and asphalt mill and overlay. Incidental paving included sidewalk and driveway replacement and ADA ramp installation at all intersections. She assisted with estimating quantities and construction costs. For the second phase of design services, the plans were for the full re-construction of several streets including waterline replacement. Construction Administration services included overseeing inspectors and construction operations, invoice reviews, preparation of field changes, plan changes for scope modifications, and close out documents.

City Park Parking Lot Improvements, New Orleans, LA, June 2014 – Jan 2017

Ms. Darrah lent her expertise to design roadway and parking lot improvements in City Park, New Orleans, LA. Ms. Darrah provided QA-QC of the construction drawings and specifications to ensure accordance with all MUTCD, ADA, and New Orleans DPW requirements. Permeable asphalt pavement was used in the parking lot to incorporate green infrastructure in the project. The work consisted of geometric layout, grading, drainage, utility adjustments, striping and signage. Ms. Darrah also conducted construction administration services to ensure compliance with City of New Orleans DPW standards.

MSY Entrance Road Capacity, North Terminal Louis Armstrong New Orleans International Airport, Jefferson Parish, LA June 2021- Oct 2021

Ms. Darrah prepared temporary and permanent striping and signage plans for the widening of the Southbound Airport Access Roadway, realignment of TNC Road, and widening of Northbound Airport Access Rd. As part of this project, she performed a comprehensive review of the adjacent Airport Access Rd Improvements included in the I-10/Loyola Interchange Improvement project. The proposed improvements required the temporary closure of one lane of the airport roundabout, roundabout slip lane and right lane of Northbound Airport Access Rd.

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Fadi Madi, P.E., P.Eng.

Project Assignment:

Transportation Engineer

Name of Firm with which associated:

Urban Systems, Inc.

Years' experience with this Firm:

2 years

Education: Degree(s)/Year/Specialization:

BS / 2011 / Civil Engineering

Active registration: Year first registered/discipline:

2024 / Louisiana / #49152

Other experience and qualifications relevant to the proposed Project:

SKILLS:

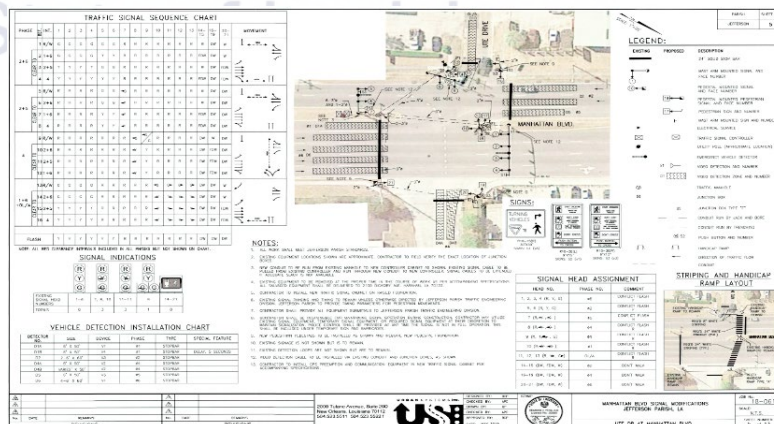
Mr. Madi is a Project Manager at Urban Systems, Inc. He has over twelve (12) years of experience working for a range of public and private sector clients in the United States and Canada. Mr. Madi is responsible for project management, and providing technical, analytical, reporting, and coordination support on a variety of transportation projects. This has included traffic operations, transportation planning, safety assessments for bicycle and pedestrian enhancements, and design studies. He is proficient in Synchro, HCS and TruTraffic Software and completed the LADOTD TEPR certification modules.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Other experience and qualifications relevant to the proposed Project:	
<i>FADI MADI PAGE 2</i>	
EXPERIENCE:	
<p>Ochsner Traffic Impact Analysis , Jefferson Parish, LA, Feb 2022- June 2022</p> <p>The objective of the study was to evaluate the impact the proposed redevelopment of the Ochsner campus. Changes to the Deckbar Ave corridor were designed to provide a pedestrian friendly, walkable experience. Mr. Madi estimated trip generation, conducted signalized and unsignalized analysis and managed other technical staff.</p>	
<p>Jefferson Hwy @ Corporate Intersection Improvements , East Baton Rouge Parish , LA Nov 2021- ongoing</p> <p>Mr. Madi conducted the traffic engineering for the Jefferson Highway at Corporate Boulevard Intersection Improvements project of extending existing turning lanes and adding more where necessary, to increase storage lengths and improve capacity. In addition to turning lane improvements, pedestrian facilities (sidewalks, crosswalks, etc.) and driveway access enhancements were considered to improve safety, pedestrian connectivity to transit facilities, and access management. Mr. Madi was responsible for leading the technical analysis and preparation of deliverables and is currently assisting with the traffic signal design.</p>	
<p>Florida Blvd Segment 2 Enhancement (US 190: N22nd Street to N Beck Street)</p> <p>East Baton Rouge Parish, LA, Oct 2021- ongoing</p> <p>Mr. Madi assisted with a study for this portion of US 190 (Florida Blvd) that was identified as needing improved access for pedestrians and cyclists. Potential intersection and signal improvements, sidewalk connections, and transit stop improvements were considered. Mr. Madi organized the collection of peak periods turning movement counts and field observations. He obtained growth rate data and applied it to existing volumes to forecast No Build volumes. Mr. Madi developed a methodology to estimate the re-routing of traffic volumes based on the proposed improvements. He conducted No Build and Build analysis using HCS software and summarized the findings in a technical memorandum. Mr. Madi will assist with the signal design per East Baton Rouge Standards.</p>	
<p>Dakin Street Improvements – Jefferson Hwy to Earhart Expressway At Grade Improvements Traffic Study , Jefferson Parish, LA , Oct 2021-ongoing</p> <p>Mr. Madi was the project manager to study the impact of a proposed new off-ramp on Earhart Expressway (LA 3139) Eastbound to US 90 (Jefferson Highway) on the roadway network. Mr. Madi used output from the RPC TransCAD model to estimate traffic volumes. He was responsible for developing alternatives to mitigate adverse impacts to vehicular traffic operation and access on Jefferson Highway. Mr. Madi conducted HCS analysis of the alternatives for comparison and also evaluated the impact on safety. Mr. Madi prepared the report submittals in accordance with LADOTD TEPR guidelines. He is currently assisting with the design phase in collaboration with Jefferson Parish and LADOTD Traffic Engineers.</p>	

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Manhattan Blvd Signal Modifications Westbank Expressway to Lapalco Blvd</p> <p>Jefferson Parish, LA</p> <p>LADOTD P.O. Box 95245 Baton Rouge, LA 90804 225.379.1471</p>	<p>Urban Systems was tasked with designing traffic signal modifications for eleven (11) intersections along Manhattan Blvd from the Westbank Expressway to Lapalco Blvd in Jefferson Parish, LA. Urban Systems staff coordinated with Jefferson Parish traffic personnel during field visits to determine what upgrades for each intersection would be required. The traffic signal modification plans and specifications were prepared in accordance with Jefferson Parish and MUTCD standards. Signal modifications included the following:</p> <ul style="list-style-type: none">• Upgraded controllers• Controller cabinets• GPS communication• Detection systems• Back-up batteries at major intersections• Upgrading of pedestrian accommodations• ADA accessible ramps• Pedestrian signal heads• Push buttons <p>The pedestrian accommodations were required for the intersections of Manhattan Blvd at UTE, Central and Lapalco.</p> <p>A cost estimate and bid tab form were prepared for each intersection for use in the bidding process.</p>	
		
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	Unknown	\$129.5K



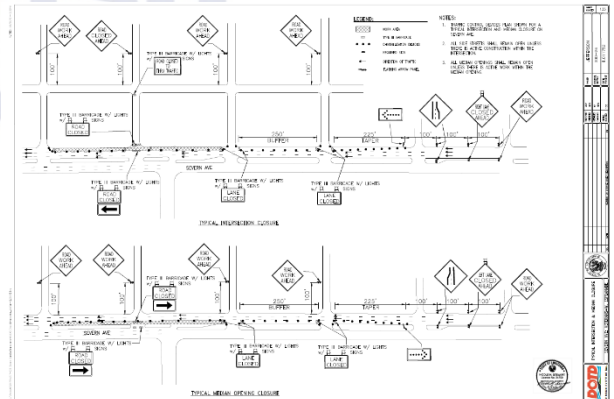
PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Power Blvd at W. Esplanade Ave Improvements</p> <p>Jefferson Parish, LA</p> <p>Jefferson Parish Chris Laborde New Orleans, LA 70130 504.940.7219</p>	<p>The purpose of this project was to develop recommended improvements to address existing traffic congestion and transportation mobility deficiencies at the intersection of Power Blvd at W Esplanade Ave in Jefferson Parish, Louisiana. Phase 1 included analysis of existing conditions and identification of potential improvements. Phase 2 included evaluation of potential improvements and recommendation of short-term and long-term improvements.</p> <p>For Phase 1, existing conditions analysis was performed using HCS and VISSIM microsimulation modeling. Field visits were conducted to identify potential correctable deficiencies. The project team performed a high-level evaluation of the intersection geometry, signage, and signal phasing and timing to identify potential improvements. During Phase 2, potential improvements were screened with the aid of a Project Management Committee (PMC), consisting of local agencies/ stakeholders including Jefferson Parish Traffic Engineering, Regional Planning Commission, DOTD District 02 Traffic Engineering and Jefferson Parish Council.</p> <p>Potential improvements included: adding northbound and/or southbound left turn lanes, closing the u-turn south of the intersection, relocating u-turns farther from the intersection, modifying signage, improving pedestrian accommodations, modifying striping, and altering signal phasing and timing. The project team worked closely with the stakeholders including the Jefferson Parish Councilman's Office to ensure the concerns of the public were addressed adequately.</p> <p>Recommended short-term improvements included striping and signage modifications. Recommended long-term improvements included the relocation of u-turns north and south of the intersection to provide additional storage at the intersection and improve the efficiency of the u-turns.</p> <p>Conceptual intersection layouts and construction cost estimates were developed for both short-term and long-term recommended improvements.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$40K	\$40K

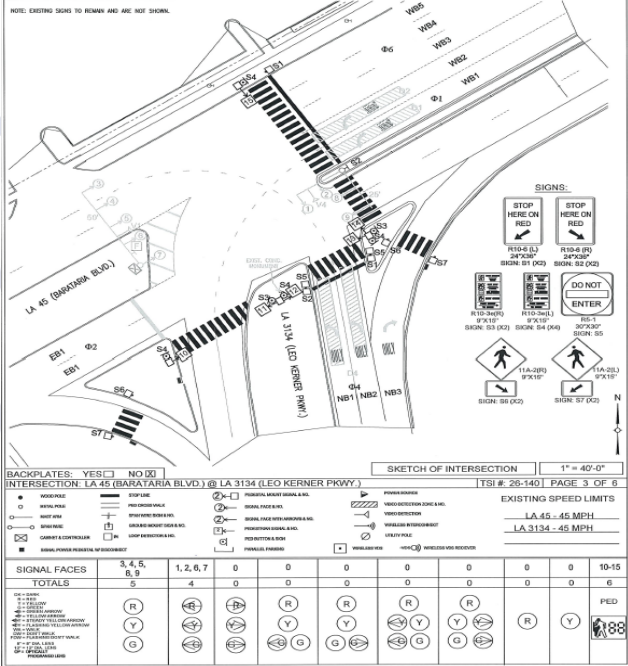


PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Severn Avenue Corridor Improvements</p> <p>Jefferson Parish, LA</p> <p>Jefferson Parish 200 Derbigny St, Suite 4400 Gretna, LA 70053</p>	<p>Urban Systems was tasked with designing traffic control devices plans (TCDP) and traffic signal modification plans for the Severn Avenue Corridor Improvements project. Maintenance of traffic for this project was critical through the commercial corridor including a Class A shopping center.</p> <p>The TCDP included site specific intersection details for phased intersection closures at three (3) intersections. The project worked with Jefferson Parish throughout the project to develop an efficient and minimally impacting construction sequence. The TCDP the following scenarios for Severn Avenue:</p> <ul style="list-style-type: none"> • Typical outside travel lane closure with intersections open • Typical outside and center travel lane closures with intersections open • Typical inside travel lane closure with medians open • Sidewalk closure typical details • Typical closures for intersections, median openings and driveway. <p>Due to the geometric roadway changes for this project, modifications to the traffic signals were required for the intersections of Severn Ave at Lakeside and 17th/ 18th Street. Traffic signal modification plans included equipment relocation and upgrades to the pedestrian accommodations at the intersections. Upgraded pedestrian accommodations included pedestrian push buttons, pedestrian signal head, signage, striped crosswalks and handicap ramps. The traffic signals were designed in the latest LADOTD TSI format and meet the requirements of Jefferson Parish, LADOTD and the MUTCD. These plans included timing from Jefferson Parish that required coordination between Jefferson Parish, LADOTD and Urban System staff to incorporate into the TSI format. Proposed phasing and signal timings where developed to accommodate pedestrian movements based on MUTCD and Jefferson Parish guidelines.</p> <p>Urban Systems also developed detailed Jefferson Parish specifications for each signal, a construction cost estimate and a bid tabulation for use in the bidding process. Urban Systems staff worked with LADOTD and Jefferson Parish personal to develop LADOTD spec item numbers for equipment based on Jefferson Parish specifications.</p>	
Completion Date (Actual orestimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	Task 1: 10k	\$68K

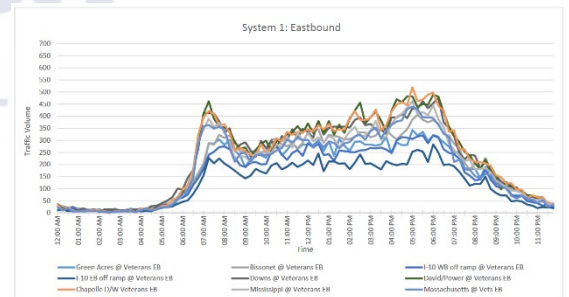


PROJECT NO. 4

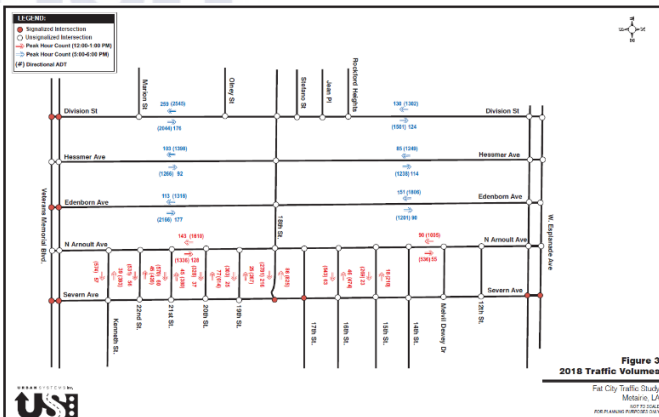
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Jefferson Parish Traffic Engineering Retainer Contract</p> <p>Task 1: Leo Kerner Bike Path Jefferson Parish, LA</p> <p>Jefferson Parish Mark Drewes 504.736.6512</p>	<p>Urban Systems prepared plans for a traffic signal modification for a signalized pedestrian crossing at the intersection of Barataria Boulevard and Leo Kerner Parkway. This was part of a proposed bike path project in Jefferson Parish, Louisiana. Urban Systems collected pedestrian counts to determine if a signalized crossing was justified based on guidelines stated in the LADOTD <i>Traffic Engineering Manual</i>. Urban Systems coordinated with the prime consultant, Jefferson Parish and LADOTD throughout the plan process. The signal modification plans were prepared in the latest LADOTD TSI format. Urban Systems estimated quantities and developed a proposed cost estimate for the modification.</p> <p>Urban Systems also prepared plans for a rectangular rapid flashing beacon (RRFB) in accordance with LADOTD and MUTCD standards for two (2) additional crossings for the proposed bike path. Urban Systems prepared the plans and assisted with the LADOTD permit process for the equipment installation.</p> 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	Unknown	\$10K

PROJECT NO. 5

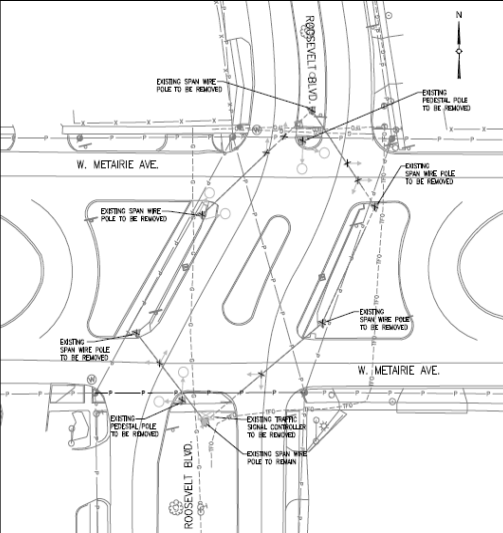
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Stage 0 Traffic Signal Timing and Coordination Study Veterans Boulevard</p> <p>RPC Task# VetCor1 Federal Project# H011849</p> <p>Jefferson Parish, LA</p> <p>Regional Planning Commission Jeff Roesel 504.483.8500</p>	<p>Urban Systems worked alongside the RPC, LADOTD, and Jefferson Parish to complete a Stage 0 Traffic Signal Timing and Coordination Study for Veterans Blvd corridor from Lake Avenue to Massachusetts Avenue to reduce delays, lower emissions, improve fuel consumption, and improve safety, while maximizing the progressive movement of traffic through the Veterans Boulevard corridor.</p> <p>Veterans Blvd is a major urban arterial with thirty signalized intersections in the study area. Urban Systems created an analysis model of the entire corridor with existing signal timings to evaluate the levels of service, delay, and air quality emissions at each intersection in the corridor.</p> <p><u>Tasks</u></p> <p>Collected twenty-four (24) hour turning movement counts at all signalized intersections to determine the morning, midday, and afternoon peak hours.</p> <p>Performed travel time runs along Veterans Boulevard during the morning, midday, and afternoon peak hours.</p> <p>Performed capacity analysis using Synchro 8 software model with the existing traffic signal timings provided by Jefferson Parish and LADOTD.</p> <p>Determined improved yellow and all-red clearance intervals based on the updated ITE clearance interval guidelines.</p> <p>Determined optimal phasing and traffic signal timings, as well as possible construction recommendations to improve progression and reduce delay along the corridor.</p> <p>Conducted a benefit cost analysis of the recommended improvements to the corridor.</p> <p>Implemented the signal timing changes during season of peak traffic flow alongside LADOTD and Jefferson Parish, while making timing adjustments as needed.</p> <p>Conducted post implementation travel time runs to identify the improvements in progression along the corridor.</p> <p>Summarized findings and improvements were sited in a technical report submitted to RPC December of 2016.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016	\$185K	\$185K



PROJECT NO. 6

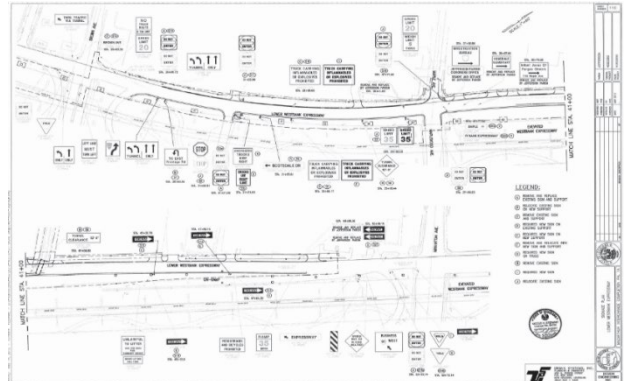
PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Fat City Improvements</p> <p>Jefferson Parish, LA</p> <p>Jefferson Parish DPW Susan Treadway 504-736-6530 streadway@jeffparish.net</p>	<p>The purpose of this project was to evaluate potential modifications to the street network to increase public parking while maintaining traffic flow in Fat City in Jefferson Parish, Louisiana. This project is part of a larger master plan to revitalize Fat City into a city hub for Jefferson Parish.</p> <p>Improvement strategies considered included, but were not limited to:</p> <ul style="list-style-type: none"> •Conversion of streets to one-way couplets to allow on-street parking •Allowing on-street parking across from driveways •Restricting access/routes for delivery and/or oversized vehicles <p>An evaluation of the existing conditions was performed which included roadway capacity analysis, field observations and an existing parking inventory.</p> <p>Urban Systems reviewed applicable Jefferson Parish Ordinances and identified locations where potential on-street parking could be implemented if roadways were converted to one-way operation. Roadway capacity analysis was performed for potential one-way conversions based on rerouted traffic volumes. Autoturn analysis was also performed to determine if restricting access for delivery and/or oversized vehicles would be required to avoid conflict with on-street parking.</p> <p>An evaluation was also performed to determine if paved parking bays could be installed in lieu of converting to on-street parking. Locations were identified where this could be an option; however, it would significantly affect the existing landscape buffer.</p> <p>Vacant lots within the study area were identified for potential purchase and conversion to surface street public parking.</p> <p>Meetings with stakeholders including Jefferson Parish Traffic Engineering Division and the Jefferson Parish Councilperson were held to discuss potential options.</p> <p>The recommended one-way conversions are currently being analyzed to confirm feasibility and to identify required improvements/modifications to adjacent intersections.</p>	
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$68.4K	\$68.4K

PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Congestion Management: Traffic Signal Improvements</p> <p>SP No. H.972035.1 RPC Task C-414, FY-14 UPWP</p> <p>Kenner, Jefferson Parish, LA</p> <p>Regional Planning Commission Jeff Roesel 504.483.8500</p> 	<p>The purpose of this project was to identify improvements to update the existing span wire traffic signals at W. Esplanade at Chateau and Roosevelt at W. Metairie in Kenner, Louisiana. These two intersections were identified with highest priority for improvements in the Regional Planning Commission (RPC) and City of Kenner's June 2013 traffic signal inventory. The need for pedestrian signals and existing peak hour traffic flow conditions were evaluated. Safety concerns were identified and all recommended improvements were incorporated into conceptual traffic signal designs. These designs were developed based on the Louisiana Department of Transportation and Development (LADOTD) design standards. Project tasks included data collection, surveying, traffic analysis, safety analysis, and conceptual traffic signal design.</p> <p>Traffic Analysis Vehicle turning movement counts (TMCs) and pedestrians counts were collected at the study intersections and peak hour volumes were determined. Signalized intersection analyses were performed in Highway Capacity Software (HCS+), to determine the optimal signal timings. An investigation of the pedestrian activity at the intersections was conducted and warrants were not met for pedestrian signal heads.</p> <p>Safety Analysis A detailed crash summary was provided by the RPC for the study intersections. The data was reviewed and it is expected that the installation of signal heads on the proposed mast arms with backplates is expected to increase the signal visibility for motorists. During a site visit to observe operating conditions, it was noted that the signal at W. Esplanade was not operating properly as one approach of the intersection was being serviced with the max green time each time the phase was called without vehicles present. Urban Systems reported the problem and worked with Jefferson Parish to get the existing controller reprogrammed to resolve the timing issue.</p> <p>Conceptual Traffic Signal Design The conceptual traffic signal designs were prepared to update the existing span wire traffic signal systems at both subject intersections. This included removing and replacing the existing signal equipment with mast arms, video detection and new signage. New phasing was recommended at the intersection of Roosevelt at W. Metairie to provide median clear out phase.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2014	\$45K	\$45K

PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>MacArthur Drive Interchange Completion Phase 1</p> <p>Harvey, Jefferson Parish, Louisiana</p> <p>Jefferson Parish 1221 Elmwood Blvd. Suite 1002 Jefferson, Louisiana 70123 504.736.6607</p>	<p>This project was for Phase I of the MacArthur Interchange Completion project, which included preliminary and final design for the new off and on ramps for the elevated westbound Westbank Expressway in Harvey, Louisiana between Manhattan Boulevard and Peters Rd. As the Traffic Engineering consultant for this project, Urban Systems, Inc. successfully completed the plans for the proposed construction sequencing, permanent signage, roadway striping and traffic signal design at the Brown Ave and Maple Ave intersections with the new ramps at the lower Westbank Expressway.</p> <p>Urban Systems, Inc. developed the sequencing, which ultimately resulted in five construction phases. The Traffic Control Devices Plans were critical to facilitate traffic safely through the traffic control zone. These plans included lane closures, lane width reductions, detours and strategically sequencing the closure of commercial driveways to ensure that access to all businesses was maintained throughout construction.</p> <p>The permanent signage and striping plans were prepared to safely and properly guide motorists to the new ramps. The signage design included both regulatory and guide signs, both smaller post mounted signs and large overhead structure mounted signs.</p> <p>Urban Systems, Inc. also prepared the plans for the permanent traffic signals at Brown Avenue and Maple Avenue intersections with the Lower Westbank Expressway.</p> <p>All plans were prepared to be in accordance with the 2009 edition of the Manual of Uniform Traffic Control Devices and the Louisiana Department of Transportation and Development's 2006 Standard specifications for Roads and Bridges.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2011	Unknown	\$25.5K



PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Traffic Engineering As-Needed Retainer Contract Department of Public Works Jefferson Parish</p> <p>Jefferson Parish, Louisiana</p> <p>Jefferson Parish Department of Public Works 504-736-6403</p>	<p>Bike Path - project purpose was to establish bike paths in Jefferson Parish and specifically, to connect the Lake Pontchartrain Bike Path to the Mississippi River Levee Bike Path.</p> <ul style="list-style-type: none"> • Identified the bike path. This required the following tasks: <ul style="list-style-type: none"> ◦ Conducted field investigations to identify alternate routes ◦ Prepared maps to indicate alternate routes ◦ Prepared pro/con lists for alternate routes ◦ Met with appropriate agencies ◦ Conducted public meetings • Developed required improvements along the chosen route to potentially include, but not be limited to, striping, signage, pavement repair (potholes, asphalt overlay, concrete panel replacement) and/or signalization. This required the following tasks: <ul style="list-style-type: none"> ◦ Conducted field measurements ◦ Developed construction plans ◦ Prepared cost estimates ◦ Conducted public meetings • Developed prioritization of the required improvements and identified which improvements should/can be implemented in this phase. This required meeting with appropriate agencies. • Developed letter bid package to Advertise, Let and Award to a contractor; limited to the technical plans and specifications. • Provided Construction Administration services: Submittal reviews, Responses to Inquiries and final inspection. <p>David Drive at Veterans Boulevard - project was to determine if northbound to westbound left turns could be accommodated safely and efficiently at the intersection of Veterans Boulevard at David Drive/Power Boulevard. The tasks performed to meet these objectives were:</p> <ul style="list-style-type: none"> ◦ Collected 24-hour machine volume and speed data ◦ Collected turning movement counts during AM and PM peak hours ◦ Collected data at adjacent u-turn locations to assist with determining existing demand for prohibited left turn ◦ Reviewed accident reports for the past 3 years and prepared collision diagrams where necessary to identify any safety concerns ◦ Prepared capacity analysis for existing traffic conditions ◦ Developed projected turning movement volumes for northbound to westbound left turn if it were allowed. ◦ Prepared capacity analysis for the projected traffic conditions ◦ Developed conceptual geometric modifications required to accommodate northbound to westbound left turn ◦ Prepared preliminary opinion of probable cost for the conceptual geometric modifications ◦ Calculated queues and storage requirements for the projected conditions ◦ Conducted a sight distance analysis ◦ Prepared a technical memorandum to document the findings 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2009	\$25K	\$25K
2009	\$9.5K	\$9.5K

PROJECT NO. 10

Project Name, Location and Owner's contact information:

Nature of Firm's Responsibility:

Bucktown Couplet Study

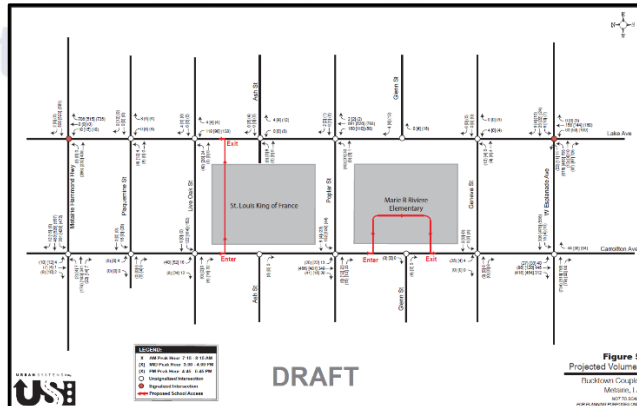
Jefferson Parish, LA

Jefferson Parish
Department of Public Works
1221 Elmwood Park Blvd
Suite 802
Jefferson, LA 70123

The purpose of this project was to evaluate the impacts of converting Lake Ave and Carrollton Ave between Metairie Hammond Hwy and West Esplanade Ave in Bucktown to a one-way couplet system. This project originated from a couplet idea developed in a Bucktown Neighborhood Plan previously conducted in August of 2005. This project was conducted to determine the feasibility of the couplet system and of raising the existing 20 mph speed limit on Lake Ave and Carrollton Ave.

A unique aspect of this project is two (2) schools, St. Louis King of France and Marie B Riviere Elementary, located in the middle of the proposed couplet system. The USI team analyzed each school's existing access plan to determine the impact of converting to a couplet system. The re-routing of traffic volumes that would occur with the conversion to a one-way couplet system was estimated with a focus on the study intersections and access to/from the schools. The USI team developed a proposed access plan, with the addition of the couplet system, for presentation to each of the schools to gain input. Intersection capacity analysis was conducted at the study intersection with and without the couplet system for comparison purposes. Jefferson Parish ordinances were reviewed to determine the feasibility of raising the speed limit. A traffic report was developed to summarize the finding of the study and was provided to Jefferson Parish.

Future tasks will include developing a striping plan, a signage plan and traffic signal plans for the couplet system. Traffic signal plans will include the installation of traffic signals at two (2) intersections Carrollton Ave at W Esplanade Ave and Metairie Hammond Hwy which are currently unsignalized.



Completion Date (Actual or estimated):

Estimated Cost:

Entire Project:

Work for which Firm was Responsible:

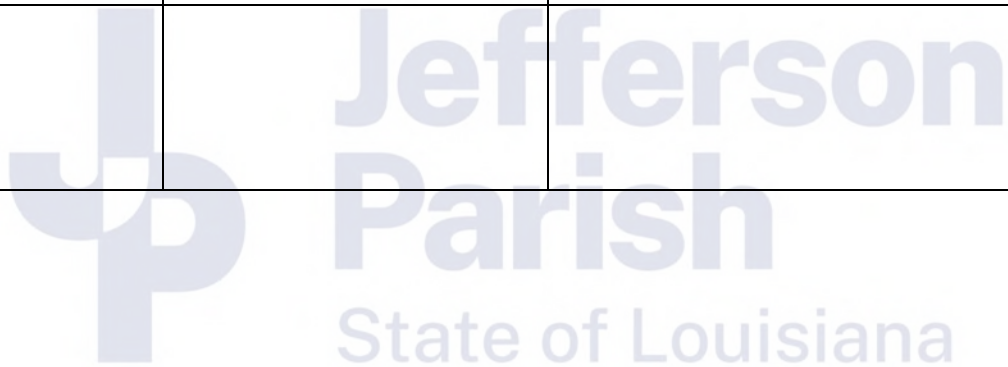
2020

\$39K

\$39K

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. Decay	Jefferson Parish Urban Systems, Inc. Design Engineering, Inc.	Closed Plaintiff Received No Award
2.		
3.		
4.		



N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.



Urban Systems, Inc. (USI) is a licensed consulting engineering corporation in Louisiana, Mississippi, Alabama, and Texas with offices in New Orleans and Baton Rouge, Louisiana and Biloxi, Mississippi. USI specializes in traffic engineering and transportation planning and has long been recognized for its technical expertise, analytical ability and imaginative approach to a wide range of traffic/transportation planning and engineering projects. With continuous service since 1974, our ability to bring a variety of experience to a project has proven valuable to our clients who are involved in improving transportation infrastructure in both urban and rural environments. USI staff stays current via education and training.

Throughout our history, we have been honored to support Louisiana, Jefferson Parish and other local governments in their initiatives to improve safety and mobility. USI strives to apply their knowledge, experience, insight, and energy to maintain and/or improve quality of life in the communities we serve. Urban Systems has successfully completed projects that address all aspects of transportation and planning to optimize traffic safety and operations.

USI's vision is to be the premier firm in Louisiana and surrounding areas by providing quality Traffic Engineering and Transportation Planning services.

Our mission is to provide comprehensive multi-modal transportation solutions that enhance quality of life for all users through partnerships with public and private clients. We develop leaders in traffic and transportation engineering by cultivating the full potential of our team members.

Core Values:

Quality
Integrity
Teamwork
Client relationships

Focus: Enhance quality of life for all.

Urban Systems, Inc. is a *certified Disadvantaged Business Enterprise by the Louisiana , Mississippi, and Texas Unified Certification Programs, a Women Business Enterprise, Certified- Active as a small entrepreneur with Louisiana Economic Development Hudson Initiative, SEDBE certified by the City of Baton Rouge, Parish of East Baton Rouge and a Women owned Small Business.*

URBAN SYSTEMS, INC. STAFFING

Title	Name	Certifications	Years AT USI
President / Transportation Engineer	Alison Catarella Michel	P.E., PTOE, PTP^, RSP _{2i}	23
Vice President / Transportation Engineer	Nicole H. Stewart	P.E., PTOE	18
Civil / Transportation Engineer	Christine M. Darrah	P.E.	9
Transportation Engineer	Matthew H. Morgan	P.E.	13
Transportation Engineer	Fadi Madi	P.E	2
Traffic Engineer Intern	Connor M. Crow	E.I	<1
CAD Designer	Kim T. Pham		36

URBAN SYSTEMS, INC. WORK EXPERIENCE



TRAFFIC SIGNAL DESIGN

Our traffic signal design experience includes a broad range of projects involving the planning and design of intersections and their associated signalization requirements. We understand that the proper application, design, installation, and operation of traffic signals is critical to the safe and orderly movement of traffic. Urban Systems has provided signal design services for the multiple agencies in the region and understands the differences in their design policies. Many of the projects we have completed required inter-agency coordination.

In providing signal design services, various supporting services are required to accomplish project objectives. Our traffic signal designs have included:

- Timing and phasing for both vehicles and pedestrians
- Interconnect layouts, both hardwire and fiber optic
- Signage plans and pavement marking layouts
- Sequence of construction with traffic control device plans and temporary signal designs
- Provisions for emergency and railroad preemption systems in the signal design
- Railroad crossing preemption

Urban Systems can prepare design packages for both state and/or municipalities. Our staff has completed numerous projects involving the design of new traffic signal and/or modifications to existing signals, inclusive of railroad crossings. This experience includes isolated intersections, coordinated signal systems and downtown grid systems. Specifically, our experience in the design of intersections includes data collection; traffic signal warrant and capacity analysis; complete computerized signal system design including timing for both vehicle and pedestrians, phasing and coordination; interconnect layouts, both hardwire and fiber optic; geometric design including storage length calculations.



CYCLING AND PEDESTRIAN

Cycling and Pedestrian usage of the roadway system is increasing with the growing awareness of the need and desire for alternate transportation methods, as well as for recreational use. Urban Systems has been dealing with the needs of these alternate modes of transportation for over many years. It is especially necessary to prepare travel lanes for cyclists. Our experience ranges from pedestrian safety analysis at specific locations and/or intersections, development of pedestrian/bicycle multi-use paths, to development of planning manuals to assist jurisdictions in developing pedestrian projects. Our experience in traffic calming projects also compliments the development of pedestrian and bicyclist safety related projects.

Warrant Analysis

- Preparing Traffic Signal Warrant Analysis, typically using PC Warrants software
- Conducting warrants for left and/or right turn lanes
- Calculating storage length requirements for turn lanes

Intersection/Corridor Analysis

- Preparing Capacity Analysis using software tools **Synchro**, **Vistro**, and/or **Highway Capacity Software**
- Developing coordinated timing plans to optimize the signal phasing and timing and platoon progression along a corridor using **Synchro**, and/or **Tru Traffic**
- Creating microscopic simulation models to analyze corridor operations, proposed timing plans and assess travel times and delays using **CORSIM** and/or **VISSIM**



ACCESS MANAGEMENT

Urban Systems has extensive experience in evaluating various types of roadway corridors and utilizing the various techniques associated with deploying an access management plan. Access management techniques are designed to improve safety, manage congestion, and increase the capacity of roads. These include:

- Median treatments
 - Raised medians that prevent movements across a roadway
 - Restricted median openings to provide efficient operations
- Increasing spacing between signals and interchanges
- Driveway spacing
- Cross access between developments to reduce the number of driveways
- Use of exclusive turning lanes to remove turning vehicles from the through lanes
- Use of service and frontage roads
- Land use policies that limit right-of-way access to highways

Benefits can include improved movement of through traffic, improved safety and reduce vehicle conflicts. With more functional and improved flow, environmental benefits can be reduced fuel consumption and improved air quality on heavily traveled corridors.



INTERSECTION AND INTERCHANGE DESIGN

Urban Systems has completed the design of intersections/interchanges for a broad range of projects. These types of projects include:

- Interchanges on major highway and interstate corridors
- Intersection/interchange planning to support surrounding land-use development
- Highway and roadway corridor extensions and widening projects
- Local major arterial corridor/roadway design, which includes new and modified intersections
- Traffic operations assessments and enhancements of local and state major arterial corridors to alleviate traffic congestion
- Specific intersection improvements for the improvement of safety, capacity and efficiency
- Commercial/Retail/Industrial developments requiring new intersections to adjacent arterials for site ingress and egress
- Residential single family and multi-family developments requiring new intersections to adjacent arterials for site ingress and egress



QUALITY ASSURANCE

Urban Systems maintains a Quality Assurance Manual as part of our corporate policies. The manual delineates quality assurance guidelines and review policies and procedures to ensure adequate technical review and checking of plans, specifications and reports produced by USI staff for compliance with state, national and local standards.

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature: Alison C Michel

Print Name: Alison C Michel

Title: President/Transp Engr

Date: 8.29.24